

ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
Department of Lands and Mines
OF THE
PROVINCE OF ALBERTA

1932



EDMONTON:
PRINTED BY W. D. McLEAN, KING'S PRINTER
1933

TO THE HON. R. G. REID,
Minister of Lands and Mines.

SIR,—

I herewith submit the report of The Mines Branch for the year ending December 31, 1932.

Respectfully submitted,

A. A. MILLAR,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31st, 1932.

(A. A. MILLAR, *Chief Inspector.*)

The total output of coal produced in the Province during the year was 4,870,030 tons, with a valuation of \$13,441,193, an increase of 305,740 tons over the output for 1931. Included in the total were 2,046 tons produced by farmers under permits granted for the purpose of obtaining coal for their own use. In addition to the coal reported, we believe there was a considerable tonnage produced by farmers without permit or lease, of which we have no records. It will be noted that while there is an increase in tonnage over the output for 1931, there is still a considerable reduction from the output produced in 1928.

It will be noted that the making of coke has been recommenced in the Crow's Nest Pass, the bulk of which is being used at the Trail smelter.

Of the total output produced 1,134,311 tons were sold for consumption in the Province of Alberta, 1,751,294 tons in other provinces of Canada, 27,366 tons for consumption in the United States, 1,619,921 tons sold to railroad companies, 12,629 tons used making briquettes, 4,591 tons used making coke, 179,597 tons used under colliery boilers, 7,025 tons used by colliery railroads, 44,115 tons put to stock, and 130,528 tons put to waste. The tonnage shown as sold for consumption in Alberta includes 2,046 tons produced by farmers for their own use. In addition to the coal mined there were 8,446 tons of shale and clay mined, from which 3,444,010 bricks and 182 tons of tile were manufactured.

During the year there were in operation 3 shale pits producing shale and clay for use in the manufacture of brick, hollow tile, etc., also 307 coal-mines; of the latter, 32 were opened, 14 re-opened, and 44 abandoned. In addition to the mines abandoned there were 25 mines closed temporarily, leaving 283 mines in operation at December 31st, 1932.

There have been no changes in staff during the year. The headquarters of Mr. W. G. Heeley were transferred from Blairmore to the New Telephone Building, Calgary.

There was a total of 643 persons examined during the year for certificates of competency as coal-miners, 557 being successful, making a total of 13,000 certificates issued to December 31st, 1932.

In addition to testing with the Burrell and McLuckie gas detectors, in the various mines throughout the Province, samples of mine air have been taken at intervals by the inspectors from the mines in the bituminous areas and forwarded to the Chemistry Branch of the Department of Mines, Ottawa, for analysis.

Also samples of rock dust, used for rock dusting in the bituminous mines, have been collected and forwarded to the Provincial Analyst to be tested for silica content.

Samples of coal have been collected and forwarded to the Industrial Research Department, University of Alberta, for analysis.

In addition to the regular inspections of all mines by the district inspectors, they have investigated all serious and fatal accidents, and attended all inquests in connection with same.

There was a decrease in the number of fatal accidents from 16 in 1931 to 11 in 1932.

In addition to the fatal accidents in mines there was one person killed, whilst illegally mining near Diamond City; also there were two persons seriously injured, one on the river bank near Taber and the other in 40 mile Coulee. These accidents are not included in the accidents reported from producing mines.

There were twenty-two prosecutions instituted for contraventions of The Coal-mines Regulation Act, made up as follows: 3 workmen, 6 officials, 4 owners, and 8 farmers, the latter being for illegally entering and working mines. Conviction was obtained in each case; a conviction was also obtained in the case of the manager prosecuted in 1931, which case had not been decided at December 31st, 1931.

There were 14,875,890 k.w. hrs. of purchased electrical power used by mines in the Province during the year.

The distribution of purchased power was as follows: Big Valley 10,800 k.w. hrs., purchased from the Union Power Company of Drumheller, who also supplied 3,819,355 k.w. hrs. to mines in the Drumheller area, and 106,990 k.w. hrs. to mines in the Carbon area.

The Calgary Power Company, Limited, supplied mines in the following areas: Edmonton 781,297 k.w. hrs., Gleichen 900 k.w. hrs., Lethbridge 597,146 k.w. hrs., Taber 9,535 k.w. hrs., and Camrose 6,200 k.w. hrs.

The mines in Redcliff area purchased 38,000 k.w. hrs. from the City of Medicine Hat.

The mines in the Crow's Nest area purchased 9,505,672 k.w. hrs. from the East Kootenay Power Company.

During the month of December, 1932, there were 10,296 persons employed, being 391 more than were employed in December, 1931.

In January fire destroyed the hoist-house and hoist at the mine operated by the Western Gem Coal Company, Limited, Drumheller. In the same month the tippie at the Star mine near Rosedale was destroyed by fire.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1931:

| Calendar Year | Short tons | Value |
|-------------------|--------------------|----------------------|
| 1886 | 43,220 | \$ 81,112 |
| 1887 | 74,152 | 157,577 |
| 1888 | 115,124 | 183,354 |
| 1889 | 97,364 | 179,640 |
| 1890 | 128,753 | 198,298 |
| 1891 | 174,131 | 437,243 |
| 1892 | 178,970 | 460,605 |
| 1893 | 230,070 | 586,260 |
| 1894 | 184,940 | 473,827 |
| 1895 | 169,885 | 382,526 |
| 1896 | 209,162 | 581,832 |
| 1897 | 242,163 | 630,408 |
| 1898 | 315,088 | 787,720 |
| 1899 | 309,600 | 774,000 |
| 1900 | 311,450 | 778,625 |
| 1901 | 340,275 | 850,687 |
| 1902 | 402,819 | 960,601 |
| 1903 | 495,893 | 1,117,541 |
| 1904 | 661,732 | 1,404,524 |
| 1905 | 931,917 | 1,993,915 |
| 1906 | 1,246,360 | 2,614,762 |
| 1907 | 1,591,579 | 3,836,286 |
| 1908 | 1,685,661 | 4,127,311 |
| 1909 | 1,994,741 | 4,838,109 |
| 1910 | 2,894,469 | 7,065,736 |
| 1911 | 1,511,036 | 3,979,264 |
| 1912 | 3,240,577 | 8,113,525 |
| 1913 | 4,014,755 | 10,418,941 |
| 1914 | 3,683,015 | 9,350,392 |
| 1915 | 3,360,818 | 8,283,079 |
| 1916 | 4,559,054 | 11,386,577 |
| 1917 | 4,736,368 | 14,153,685 |
| 1918 | 5,972,816 | 20,537,287 |
| 1919 | 4,933,660 | 18,205,205 |
| 1920 | 6,907,765 | 30,186,933 |
| 1921 | 5,909,217 | 27,246,514 |
| 1922 | 5,990,911 | 24,351,913 |
| 1923 | 6,854,397 | 28,018,303 |
| 1924 | 5,189,729 | 18,884,318 |
| 1925 | 5,869,031 | 20,021,484 |
| 1926 | 6,503,705 | 20,886,103 |
| 1927 | 6,934,162 | 21,982,058 |
| 1928 | 7,336,330 | 23,532,414 |
| 1929 | 7,150,693 | 22,928,182 |
| 1930 | 5,755,528 | 18,063,225 |
| 1931 | 4,564,015 | 13,342,675 |
| Total..... | 126,007,100 | \$409,374,576 |

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919 to 1931, the mine output figures are given.

THE MINES BRANCH

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA, 1902 TO 1931.

The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1931:

| Year | Canadian* | | Imported Coal Entered for Consumption | | | | Total Short Tons | Per Capita | |
|------|------------|------|---------------------------------------|--|------------------|------------|---------------------|---------------|-------|
| | Short tons | % | From U.S.A. | | From Gt. Britain | | | | |
| | | | Short tons | | Short tons | | | | |
| 1902 | 5,376,413 | 53.1 | 4,656,286 | | 101,726 | 4,734,559 | 46.9 | 10,110,972 | 1,848 |
| 1903 | 6,005,735 | 47.3 | 6,520,931 | | 184,593 | 6,678,450 | 52.7 | 12,684,185 | 2,212 |
| 1904 | 6,697,183 | 47.9 | 7,238,869 | | 85,687 | 7,297,482 | 52.1 | 13,994,665 | 2,412 |
| 1905 | 7,032,661 | 49.4 | 7,233,738 | | 68,500 | 7,215,446 | 50.6 | 14,249,107 | 2,341 |
| 1906 | 7,927,560 | 50.5 | 7,787,338 | | 67,014 | 7,758,325 | 49.5 | 15,685,885 | 2,481 |
| 1907 | 8,611,735 | 45.0 | 10,588,697 | | 54,325 | 10,549,503 | 55.0 | 19,166,865 | 2,947 |
| 1908 | 9,156,478 | 47.3 | 10,203,335 | | 97,514 | 10,195,424 | 52.7 | 19,351,902 | 2,820 |
| 1909 | 8,913,376 | 47.9 | 9,805,233 | | 67,671 | 9,711,826 | 52.1 | 18,625,202 | 2,682 |
| 1910 | 10,532,103 | 50.2 | 10,545,451 | | 51,541 | 10,437,123 | 49.8 | 20,370,226 | 2,960 |
| 1911 | 9,822,749 | 40.5 | 14,510,129 | | 48,963 | 14,424,049 | 59.5 | 24,247,698 | 3,365 |
| 1912 | 12,385,696 | 46.0 | 14,557,124 | | 38,668 | 14,549,104 | 64.0 | 26,934,800 | 3,657 |
| 1913 | 13,450,158 | 42.6 | 18,145,769 | | 37,825 | 18,132,387 | 57.4 | 31,582,545 | 4,196 |
| 1914 | 12,214,403 | 45.5 | 14,687,853 | | 33,101 | 14,637,920 | 54.5 | 26,852,323 | 3,490 |
| 1915 | 11,500,480 | 48.1 | 12,450,796 | | 15,098 | 12,406,212 | 51.9 | 23,906,692 | 3,041 |
| 1916 | 12,348,036 | 41.3 | 17,576,292 | | 4,401 | 17,517,320 | 58.7 | 29,865,856 | 3,717 |
| 1917 | 12,313,603 | 37.2 | 20,848,009 | | 9,451 | 20,810,132 | 62.8 | 33,123,735 | 4,049 |
| 1918 | 13,160,731 | 37.8 | 21,674,826 | | 3,761 | 21,611,101 | 62.2 | 34,771,832 | 4,175 |
| 1919 | 11,611,168 | 40.3 | 17,992,913 | | 344 | 17,236,269 | 59.7 | 28,847,437 | 3,402 |
| 1920 | 14,025,566 | 42.9 | 18,552,981 |  | ..... | 18,668,741 | 57.1 | 32,594,907 | 3,788 |
| 1921 | 12,715,734 | 41.1 | 18,300,081 | | 1,591 | 18,258,387 | 58.9 | 30,374,121 | 3,524 |
| 1922 | 13,044,352 | 50.2 | 12,255,555 | | 765,980 | 12,962,189 | 49.8 | 26,006,541 | 2,916 |
| 1923 | 15,070,392 | 41.8 | 20,417,239 | | 572,570 | 20,967,971 | 58.2 | 36,038,933 | 4,500 |
| 1924 | 12,529,358 | 42.8 | 16,405,344 | | 317,112 | 16,714,143 | 57.2 | 29,243,501 | 3,199 |
| 1925 | 12,125,290 | 42.6 | 17,444,957 | | 604,117 | 16,331,971 | 57.4 | 28,457,261 | 3,062 |
| 1926 | 15,086,296 | 47.7 | 16,204,405 | | 287,299 | 16,565,555 | 52.3 | 31,651,851 | 3,349 |
| 1927 | 15,944,983 | 46.7 | 17,266,434 | | 907,220 | 18,177,303 | 53.3 | 34,122,286 | 3,541 |
| 1928 | 16,487,807 | 50.0 | 15,830,688 | | 682,755 | 16,545,582 | 50.0 | 33,003,389 | 3,356 |
| 1929 | 16,387,461 | 48.0 | 16,780,452 | | 843,502 | 17,724,132 | 52.0 | 34,111,593 | 3,402 |
| 1930 | 14,052,671 | 43.3 | 16,971,933 | | 1,144,861 | 18,412,039 | 56.7 | 32,464,710 | 3,181 |
| 1931 | 11,682,779 | 47.7 | 11,793,798 | | 987,442 | 12,828,327 | 52.3 | 24,511,106 | 2,362 |

*The sum of Canadian coal mine sales, colliery consumption, coal supplied to employees, and the coal used in making coke, etc., less the tonnage of coal exported.

Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.
Corrections made as taken from page 25 of the 1931 Coal Statistics for Canada.

Coke imported into Canada during the years 1930, 1931 and 1932 through ports in the Provinces, compiled from information received from the Dominion Bureau of Statistics:

| Province | 1930 | 1931 | 1932 |
|----------------------------|-----------|---------|---------|
| Prince Edward Island | 28 | 32 | ..... |
| Nova Scotia | 3,777 | 4,363 | 8,275 |
| New Brunswick | 1,430 | 825 | 150 |
| Quebec | 44,486 | 18,809 | 30,257 |
| Central Ontario | 887,871 | 621,123 | 571,028 |
| Head of Lakes | 105,944 | 73,859 | 34,279 |
| Manitoba | 14,235 | 12,228 | 6,260 |
| Saskatchewan | 68 | ..... | ..... |
| Alberta ..... | ..... | ..... | ..... |
| British Columbia | 3,201 | 2,095 | 1,553 |
| Total..... | 1,061,040 | 733,334 | 651,802 |

Imports of Coke into Canada, by Countries, 1930, 1931, 1932.

| Countries | 1930 | 1931 | 1932 |
|---------------------|-----------|---------|---------|
| United States | 1,048,209 | 727,646 | 612,325 |
| Great Britain | 12,732 | 5,462 | 39,422 |
| Germany | 99 | 226 | 55 |
| Total..... | 1,061,040 | 733,334 | 651,802 |

Coal in tons, entered for consumption for each year since 1919 through ports in the Provinces of Manitoba, Saskatchewan, Ontario, British Columbia and Alberta.

BITUMINOUS COAL

| Year | Central Ontario | Port Arthur | Fort Frances | Fort William | Total Ontario | Manitoba | Saskatchewan | Alberta | British Columbia | Total Canada |
|------|-----------------|-------------|--------------|--------------|---------------|----------|--------------|---------|------------------|----------------|
| 1919 | 7,641,682 | 483,991 | 59,253 | 1,063,793 | 9,248,719 | 62,746 | 1,406 | 1,131 | 6,700 | 12,010,490 |
| 1920 | 10,261,237 | 571,379 | 111,957 | 1,391,709 | 12,336,903 | 43,547 | 535 | 607 | 13,128 | 15,902,632 |
| 1921 | 8,605,872 | 659,763 | 137,956 | 1,316,155 | 10,709,746 | 76,833 | 2,127 | 1,820 | 17,081 | 13,536,250 |
| 1922 | 7,424,171 | 445,019 | 68,082 | 1,517,250 | 9,454,522 | 74,848 | 1,484 | 1,147 | 13,966 | 11,563,467 |
| 1923 | 11,621,859 | 619,037 | 95,439 | 1,731,667 | 14,068,002 | 112,134 | 1,607 | 1,110 | 17,919 | 17,517,108 |
| 1924 | 8,763,676 | 403,388 | 70,259 | 1,500,525 | 10,737,848 | 143,607 | 2,492 | 1,209 | 25,049 | 12,619,082 |
| 1925 | 9,100,462 | 286,984 | 81,173 | 1,467,264 | 9,884,710 | 147,758 | 1,732 | 1,175 | 49,386 | 13,015,322 |
| 1926 | 10,531,095 | 199,908 | 83,182 | 965,105 | 11,696,108 | 149,374 | 1,887 | 1,516 | 32,292 | 13,022,242 |
| 1927 | 11,573,678 | 221,694 | 90,864 | 1,273,691 | 13,158,927 | 142,860 | 2,141 | 1,324 | 22,846 | 13,162,640 |
| 1928 | 10,539,408 | 194,718 | 103,594 | 1,431,228 | 12,318,948 | 97,002 | 2,536 | 1,360 | 18,982 (a) | 13,869,182 |
| 1929 | 11,282,027 | 143,889 | 100,141 | 1,531,656 | 13,067,718 | 38,801 | 2,477 | 1,327 | 18,826 (a) | 14,339,279 (b) |
| 1930 | 10,421,748 | 165,499 | 70,403 | 1,297,939 | 11,955,589 | 24,898 | 1,816 | 1,351 | 8,886 (c) | 13,345,308 (d) |
| 1931 | 8,553,736 | 86,810 | 65,738 | 689,279 | 9,313,563 | 7,041 | 1,535 | 912 | 2,308 (e) | 10,347,280 (f) |
| 1932 | 6,861,307 | 62,019 | 48,915 | 691,831 | 7,610,072 | 12,298 | 1,469 | 830 | 3,582 (n) | 8,532,318 (k) |

ANTHRACITE COAL

| Year | Central Ontario | Port Arthur | Fort Frances | Fort William | Total Ontario | Manitoba | Saskatchewan | Alberta | British Columbia | Total Canada |
|------|-----------------|-------------|--------------|--------------|---------------|----------|--------------|---------|------------------|---------------|
| 1919 | 2,977,913 | 119,234 | 559 | 346,442 | 3,444,148 | 12,906 | ..... | 66 | 136 | 4,972,283 |
| 1920 | 2,943,134 | 69,206 | 2,648 | 226,476 | 3,241,464 | 17,509 | 206 | 517 | 75 | 4,912,964 |
| 1921 | 2,805,189 | 62,782 | 138 | 198,108 | 3,070,217 | 33,473 | 254 | 66 | 251 | 4,567,370 |
| 1922 | 1,586,924 | 21,507 | 12 | 36,018 | 1,644,461 | 14,715 | 231 | ..... | 1,261 | 2,693,957 |
| 1923 | 3,061,779 | 28,229 | 429 | 54,329 | 3,144,766 | 55,856 | 2,291 | ..... | 1,74 | 5,167,881 |
| 1924 | 2,595,568 | 4,775 | 237 | 84,513 | 2,689,093 | 34,222 | 1,720 | ..... | 687 | 4,183,594 |
| 1925 | 2,203,281 | 37 | 170 | 50,731 | 2,254,049 | 34,396 | 1,702 | 30 | 246 | 3,798,744 |
| 1926 | 2,458,674 | ..... | 56 | 60,810 | 2,519,494 | 17,990 | 464 | ..... | 5,202 | 4,242,982 |
| 1927 | 2,123,515 | ..... | 51 | 79,293 | 2,202,849 | 15,885 | 484 | ..... | 3,812 | 4,063,619 |
| 1928 | 2,179,022 | ..... | 42 | 57,494 | 2,236,558 | 10,130 | 579 | ..... | 2,241 | 3,737,333 |
| 1929 | 2,246,063 | 352 | 303 | 52,369 | 2,299,087 | 9,180 | 365 | ..... | 597 | 4,019,917 (g) |
| 1930 | 2,080,457 | ..... | 224 | 45,241 | 2,125,922 | 8,323 | 367 | ..... | 1,123 | 4,256,090 (h) |
| 1931 | 1,615,643 | ..... | ..... | 18,302 | 1,633,945 | 3,695 | ..... | ..... | 1,123 | 3,178,141 (j) |
| 1932 | 1,250,755 | ..... | 3 | 12,677 | 1,263,435 | 3,800 | ..... | 3 | 702 | 3,138,157 (m) |

- (a) Includes 11 tons imported in February, 50 tons in July, and 6 tons in August into the Yukon Territory.
- (h) Includes 115,368 tons of bituminous coal from Great Britain, also 76 tons of bituminous coal from Newfoundland.
During 1929 there were 1,896 tons of lignite coal imported from the United States into Manitoba, 41 tons were imported from the United States into Saskatchewan, also 12,171 tons from the United States into British Columbia, making a total of 14,108 tons of lignite coal imported into Canada from the United States.
- (c) Includes imports into the Yukon Territory of 2 tons in April and 5 tons in June.
- (d) Consists of 13,199,076 tons imported from the United States, 146,199 tons imported from Great Britain and 33 tons imported from Newfoundland.
- (e) Includes imports into the Yukon Territory of 6 tons in March and 4 tons in July.
- (f) Consists of 10,224,982 tons imported from the United States, 122,298 tons imported from Great Britain.
- (g) Includes 728,458 tons of anthracite imported from Great Britain, 117,404 tons from Russia and 112 tons from Japan.
- (h) Consists of 2,955,954 tons imported from the United States, 996,127 tons imported from Great Britain, 11,480 tons imported from Germany, 291,407 tons imported from Russia, and 1,122 tons imported from French East Indies.
- (j) Consists of 2,236,423 tons imported from the United States, 876,364 tons imported from Great Britain, 60,762 tons imported from Germany, and 4,892 tons imported from French East Indies.
- (k) Consists of 8,170,248 tons imported from the United States, 362,068 tons imported from Great Britain, and 2 tons imported from Newfoundland.
- (m) Consists of 1,685,532 tons imported from the United States, 1,399,086 tons from Great Britain, 52,189 tons imported from Germany, 650 tons from Belgium, and 700 tons imported from the French East Indies.
- (n) Includes 4 tons imported in June, into the Yukon Territory.

THE MINES BRANCH

Tons of Coal entered for consumption for each month during the year 1932, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta and British Columbia, compiled from information received from the Dominion Bureau of Statistics:

BITUMINOUS COAL

| Month | Central Ontario | Port Arthur | Fort Frances | Fort William | Total Ontario | Manitoba | Saskatchewan | Alberta | British Columbia | Yukon | Total Man., Sask., Alta., B.C., and Yukon | Total Canada |
|------------|-----------------|-------------|--------------|--------------|---------------|----------|--------------|---------|------------------|-------|---|--------------|
| January | 411,891 | 400 | 3,171 | 38,535 | 453,997 | 346 | 32 | 32 | 120 | ..... | 530 | 471,155 |
| February | 353,859 | ..... | 3,793 | ..... | 357,652 | 682 | 33 | 52 | 66 | ..... | 833 | 378,848 |
| March | 461,338 | ..... | 5,258 | ..... | 466,596 | 1,012 | 234 | 113 | 129 | ..... | 1,488 | 489,046 |
| April | 335,678 | ..... | 3,748 | ..... | 339,426 | 822 | 157 | ..... | 60 | ..... | 1,039 | 383,318 |
| May | 582,026 | ..... | 4,834 | 8,973 | 595,833 | 548 | 341 | ..... | 190 | ..... | 1,216 | 718,083 |
| June | 523,554 | ..... | 2,989 | 65,564 | 592,107 | 640 | 237 | 137 | 62 | 4 | 1,063 | 705,425 |
| July | 586,554 | ..... | 3,825 | 53,900 | 644,279 | 1,813 | 137 | 80 | 81 | ..... | 2,111 | 785,926 |
| August | 621,765 | ..... | 2,789 | 112,213 | 768,958 | 425 | 188 | 103 | 65 | ..... | 781 | 859,050 |
| September | 731,636 | 32,191 | 2,791 | 150,190 | 917,598 | 677 | 66 | 72 | 32 | ..... | 847 | 991,933 |
| October | 779,861 | 29,428 | 6,344 | 191,795 | 888,747 | 1,569 | 34 | ..... | 75 | ..... | 1,678 | 980,815 |
| November | 898,395 | ..... | 1,716 | 100,895 | 1,001,006 | 1,914 | ..... | 32 | 1,936 | ..... | 3,882 | 1,164,885 |
| December | 580,750 | ..... | 3,357 | 59,766 | 643,873 | 1,850 | ..... | 89 | 762 | ..... | 2,701 | 673,834 |
| Total..... | 6,867,307 | 62,019 | 48,915 | 691,831 | 7,670,072 | 12,298 | 1,459 | 830 | 3,578 | 4 | 18,169 | 8,532,318 |

(a) Consists of 8,170,248 tons imported from United States, 362,068 tons imported from Great Britain, and 2 tons imported from Newfoundland.

ANTHRACITE COAL

| Month | Central Ontario | Port Arthur | Fort Frances | Fort William | Total Ontario | Manitoba | Saskatchewan | Alberta | British Columbia | Yukon | Total Man., Sask., Alta., B.C., and Yukon | Total Canada |
|------------|-----------------|-------------|--------------|--------------|---------------|----------|--------------|---------|------------------|-------|---|--------------|
| January | 106,667 | ..... | ..... | ..... | 106,667 | 151 | ..... | ..... | ..... | ..... | 151 | 157,998 |
| February | 86,617 | ..... | ..... | ..... | 86,617 | 449 | ..... | ..... | ..... | ..... | 452 | 129,061 |
| March | 173,268 | ..... | ..... | ..... | 173,268 | 361 | ..... | ..... | ..... | ..... | 361 | 222,253 |
| April | 82,183 | ..... | ..... | ..... | 82,183 | 238 | ..... | ..... | ..... | ..... | 238 | 179,029 |
| May | 99,428 | ..... | ..... | ..... | 99,428 | 405 | ..... | ..... | ..... | ..... | 405 | 321,769 |
| June | 61,045 | ..... | ..... | ..... | 61,045 | 298 | ..... | ..... | ..... | ..... | 298 | 253,166 |
| July | 71,865 | ..... | ..... | ..... | 71,865 | 435 | ..... | ..... | ..... | ..... | 435 | 318,528 |
| August | 102,892 | ..... | ..... | 6,343 | 109,235 | ..... | ..... | ..... | ..... | ..... | ..... | 338,963 |
| September | 96,515 | ..... | ..... | 1,657 | 98,172 | 323 | ..... | ..... | ..... | ..... | 323 | 304,298 |
| October | 152,262 | ..... | ..... | 4,677 | 156,939 | 195 | ..... | ..... | ..... | ..... | 195 | 350,825 |
| November | 106,405 | ..... | ..... | ..... | 106,405 | 460 | ..... | ..... | ..... | ..... | 460 | 342,989 |
| December | 111,608 | ..... | ..... | ..... | 111,608 | 485 | ..... | ..... | 702 | ..... | 1,187 | 219,278 |
| Total..... | 1,250,755 | ..... | 3 | 12,677 | 1,263,435 | 3,800 | ..... | 3 | 702 | ..... | 4,505 | 3,138,157 |

(b) Consists of 1,685,532 tons imported from the United States, 1,389,086 tons from Great Britain, 52,189 tons imported from Germany, 650 tons from Belgium, and 700 tons imported from the French East Indies.

MINERAL PRODUCTION OF ALBERTA, 1931 AND 1932

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada.

| | 1931 | | *1932 | |
|---|------------|--------------|------------|--------------|
| | Quantity | Value | Quantity | Value |
| Gold, fine ounces | 195 | \$ 4,031 | 111 | \$ 2,294 |
| Silver, fine ounces | 29 | 9 | 9 | 3 |
| Bituminous sands, tons.... | 1,015 | 4,060 | 343 | 1,372 |
| Coal, tons | 4,564,015 | 13,342,675 | 4,867,270 | 13,517,860 |
| Natural gas, M.cu.ft. | 17,798,698 | 4,067,893 | 15,985,744 | 3,820,722 |
| Petroleum, brls. | 1,413,631 | 3,976,220 | 912,506 | 2,739,095 |
| Clay products and other structural materials: | | | | |
| Cement, brls. | 626,483 | 1,286,080 | 193,571 | 399,922 |
| Clay products | | 529,716 | | 329,584 |
| Lime, tons | 5,118 | 46,785 | 6,156 | 54,577 |
| Sand and gravel, tons.. | 1,050,988 | 313,616 | 715,734 | 295,313 |
| Stone, tons | 2,496 | 9,642 | 1,428 | 2,985 |
| Total..... | | \$23,580,727 | | \$21,163,727 |

*Subject to revision.

Particulars with reference to the coal mining industry in the Province of Alberta during the year ending December 31, 1932:

SUMMARY OF STATISTICS

| | |
|--|-----------|
| Number of short tons of Coal produced | 4,870,030 |
| Number of short tons of Briquettes produced | 13,582 |
| Number of short tons of Coke produced | 2,183 |
| Number of short tons of Shale produced | 8,446 |
| Number of Coal-mines in operation during the year | 307 |
| Number of Shale Pits in operation during the year | 3 |
| Number of Mines opened during the year | 32 |
| Number of Mines re-opened during the year | 14 |
| Number of Mines closed during the year | 25 |
| Number of Mines abandoned during the year | 44 |
| Number of Mines in operation at December 31st, 1932..... | 283 |
| 164 mines or 53.42% of the total operating produced 1.45% of the output. | |
| 66 mines or 21.50% of the total operating produced 3.13% of the output. | |
| 8 mines or 2.61% of the total operating produced 1.11% of the output. | |
| 35 mines or 11.40% of the total operating produced 16.81% of the output. | |
| 21 mines or 6.84% of the total operating produced 31.27% of the output. | |
| 4 mines or 1.30% of the total operating produced 11.02% of the output. | |
| 8 mines or 2.60% of the total operating produced 28.28% of the output. | |
| 1 mine or .32% of the total operating produced 6.93% of the output. | |
| Average number of persons employed below ground..... | 5,772 |
| Average number of persons employed above ground | 2,065 |
| Number of separate accidents causing loss of life | 11 |
| Number of deaths caused by accidents above ground | 1 |

ANNUAL REPORT, 1932

15

| | |
|--|------------|
| Number of deaths caused by accidents below ground | 10 |
| Number of serious accidents above ground | 9 |
| Number of serious accidents below ground | 52 |
| Number of slight accidents above ground | 21 |
| Number of slight accidents below ground | 75 |
| Total purchased electrical power (kilowatt hours) | 14,875,890 |
| Number of persons prosecuted under The Coal-mines Regula- tion Act | 22 |
| Number of Provisional Certificates (Overmen) issued in 1932 | 178 |
| Number of Certificates of Competency as Coal-miners issued in 1932 | 557 |
| Number of Third Class Certificates issued in 1932..... | 43 |
| Number of Second Class Certificates issued in 1932 | 11 |
| Number of First Class Certificates issued in 1932 | 2 |
| Number of Mine Surveyors' Certificates issued in 1932..... | ..... |
| Total number of Third Class Certificates issued to December 31, 1932 | 1,190 |
| Total number of Second Class Certificates issued to December 31, 1932 | 411 |
| Total number of First Class Certificates issued to December 31, 1932 | 233 |
| Total number of Interchange First Class Certificates issued to December 31, 1932 | 5 |
| Total number of Mine Surveyors' Certificates issued to Decem- ber 31, 1932 | 184 |
| Total number of Certificates of Competency as Coal-miners issued to December 31, 1932 | 13,000 |

In the following tables the short ton of 2,000 lbs. is used in all cases:

| Year | Output in tons for N.W.T. (Alta. & Sask.) | Output in tons Alberta |
|------------|---|---------------------------|
| 1901 | 346,649 | ..... |
| 1902 | 510,674 | ..... |
| 1903 | 622,939 | ..... |
| 1904 | 782,931 | ..... |
| 1905 | | 811,228 |
| 1906 | | 1,385,000 |
| 1907 | | 1,834,745 |
| 1908 | | 1,845,000 |
| 1909 | | 2,174,329 |
| 1910 | | 3,036,757 |
| 1911 | | 1,694,564 |
| 1912 | | 3,446,349 |
| 1913 | | 4,306,346 |
| 1914 | | 3,821,739 |
| 1915 | | 3,434,891 |
| 1916 | | 4,638,604 |
| 1917 | | 4,863,414 |
| 1918 | | 6,148,620 |
| 1919 | | 5,022,412 |
| 1920 | | 6,908,923 |
| 1921 | | 5,937,195 |
| 1922 | | 5,976,432 |
| 1923 | | 6,866,923 |
| 1924 | | 5,203,713 |
| 1925 | | 5,883,394 |
| 1926 | | 6,508,908 |
| 1927 | | 6,936,780 |
| 1928 | | 7,334,179 |
| 1929 | | 7,147,250 |
| 1930 | | 5,755,911 |
| 1931 | | 4,564,290 |
| 1932 | | 4,870,030 |

PARTICULARS OF WORK DONE IN SHALE MINES IN THE
PROVINCE DURING 1932

| | |
|---|-----------|
| Output of shale in tons, used for making bricks | 8,446 |
| Average number of days worked each month | 17 |
| Average number of men employed each month | 6 |
| Total number of shifts worked | 6,094 |
| Explosives used (lbs.)—40% Dynamite | 1,075 |
| Black Powder ..... | ..... |
| Number of shots fired—fuse | 665 |
| Total number of bricks made | 3,344,010 |
| Total number of bricks lifted from stock | 495,206 |
| Total number of bricks put to stock | 780,830 |
| Bricks sold for use in: | |
| Alberta | 1,869,280 |
| British Columbia | 340,250 |
| Saskatchewan | 878,500 |
| Manitoba | 170,700 |
| Ontario | 13,000 |
| United States ..... | ..... |
| Total..... | 3,271,730 |
| Total hollow tile made, in tons | 182 |
| Total hollow tile put to stock, in tons | 182 |
| Hollow tile, in tons, sold for use in: | |
| Alberta | 509 |
| Saskatchewan | 105 |
| Manitoba | 336 |
| Total..... | 950 |

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1932 INCLUSIVE

| Year | Domestic | Domestic and Bituminous | Sub-Bituminous | Bituminous | Anthracite | Coal used in coke production | Briquettes | Coke |
|-------|-----------|-------------------------|----------------|------------|------------|------------------------------|------------|---------|
| *1901 | ..... | 331,907 | ..... | ..... | 14,742 | ..... | ..... | ..... |
| *1902 | ..... | 494,087 | ..... | ..... | 16,587 | ..... | ..... | ..... |
| *1903 | ..... | 617,754 | ..... | ..... | 5,185 | ..... | ..... | ..... |
| *1904 | ..... | 759,568 | ..... | ..... | 23,363 | ..... | ..... | ..... |
| *1905 | ..... | 972,886 | ..... | ..... | 13,853 | ..... | ..... | ..... |
| 1906 | 602,780 | ..... | ..... | 546,633 | 235,597 | 71,262 | ..... | 46,640 |
| 1907 | 639,335 | ..... | ..... | 939,935 | 276,115 | 102,930 | ..... | 69,844 |
| 1908 | 584,334 | ..... | ..... | 1,091,571 | 243,405 | 112,867 | ..... | 73,782 |
| 1909 | 763,373 | ..... | ..... | 1,197,339 | 213,237 | 128,337 | ..... | 36,261 |
| 1910 | 878,911 | ..... | ..... | 1,896,961 | 261,785 | 148,104 | ..... | 75,664 |
| 1911 | 954,700 | ..... | ..... | 1,643,745 | 80,119 | 196,249 | ..... | 89,785 |
| 1912 | 1,341,889 | ..... | ..... | 1,826,371 | 178,389 | 48,200 | ..... | 121,578 |
| 1913 | 1,763,323 | ..... | ..... | 2,374,401 | 168,720 | 170,818 | ..... | 35,984 |
| 1914 | 1,697,401 | ..... | ..... | 1,823,367 | 170,971 | 104,012 | ..... | 105,684 |
| 1915 | 1,682,322 | ..... | ..... | 1,826,237 | 125,732 | 44,249 | ..... | 65,167 |
| 1916 | 2,172,361 | ..... | ..... | 2,335,239 | 140,514 | 38,878 | ..... | 29,058 |
| 1917 | 2,537,829 | ..... | ..... | 2,206,868 | 118,717 | 67,105 | ..... | 83,180 |
| 1918 | 3,035,061 | ..... | ..... | 2,982,334 | 131,225 | 51,905 | ..... | 107,959 |
| 1919 | 2,611,009 | ..... | ..... | 2,825,787 | 85,616 | 70,033 | ..... | 93,818 |
| 1920 | 3,359,309 | ..... | ..... | 3,419,021 | 130,594 | 53,462 | ..... | 31,630 |
| 1921 | 2,943,141 | ..... | ..... | 2,897,380 | 96,674 | ..... | ..... | 32,858 |
| 1922 | 3,086,669 | ..... | 635,073 | 2,214,273 | 40,417 | ..... | ..... | ..... |
| 1923 | 3,161,741 | ..... | 459,869 | 3,245,313 | 107 | ..... | ..... | ..... |
| 1924 | 3,096,660 | ..... | 585,765 | 1,521,238 | ..... | ..... | ..... | ..... |
| 1925 | 3,156,359 | ..... | 581,835 | 2,145,200 | ..... | ..... | ..... | ..... |
| 1926 | 3,160,029 | ..... | 490,371 | 2,858,508 | ..... | ..... | ..... | ..... |
| 1927 | 3,357,171 | ..... | 595,190 | 2,984,419 | ..... | 287 | ..... | 173 |
| 1928 | 3,378,200 | ..... | 740,498 | 3,215,481 | ..... | ..... | ..... | ..... |
| 1929 | 3,385,749 | ..... | 668,108 | 3,093,393 | ..... | ..... | ..... | ..... |
| 1930 | 2,874,090 | ..... | 603,331 | 2,378,490 | ..... | ..... | ..... | ..... |
| 1931 | 2,246,544 | ..... | 471,389 | 1,846,357 | ..... | ..... | ..... | ..... |
| 1932 | 2,576,831 | ..... | 559,479 | 1,733,720 | ..... | 4,591 | ..... | 2,183 |

*Includes outputs from Alberta and Saskatchewan. Previous to 1922 Sub-Bituminous was included in Bituminous Coal.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.
 During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.
 During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.
 During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.
 During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.
 During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.

How the total output of DOMESTIC Coal from the Province was disposed of by areas during 1932:

| Areas | Sold for Consumption in | | | | | Used under Colliery Boilers | Colliery R.R. | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total output for year including waste put to stock and lifted from stock or waste. |
|-------------|-------------------------|------------------|--------------|----------|---------|-----------------------------|---------------|--------------|--------------|-------------------|-------------------|--|
| | Alberta | British Columbia | Saskatchewan | Manitoba | Ontario | United States | | | | | | |
| Ardley | 14,827 | | 3,988 | 67 | | 17,482 | 518 | 345 | 94 | 30 | | 18,409 |
| Big Valley | 4,252 | | | | | 4,252 | | | 485 | | | 4,738 |
| Brooks | 6,597 | | | | | 6,597 | 25 | | | | | 6,622 |
| Camrose | 28,420 | | 11,585 | 577 | | 40,582 | 602 | | 1,769 | 527 | | 42,876 |
| Carbon | 61,514 | 716 | 11,063 | 12,008 | 133 | 85,726 | 553 | | 3,808 | 176 | 814 | 88,837 |
| Castor | 35,072 | | 223 | | | 35,295 | 113 | 35 | 1,538 | | | 37,043 |
| Champion | 16,854 | | | | | 6,854 | | | 442 | | | 17,296 |
| Drumheller | 222,018 | 44,950 | 727,626 | 210,993 | 12,871 | 1,223,803 | 16,439 | 4,037 | 205 | 1,100 | | 1,245,471 |
| Edmonton | 416,105 | 360 | 21,227 | 3,280 | 138 | 441,110 | 9,782 | 488 | 2,993 | 75 | 5 | 454,293 |
| Gleichen | 5,260 | | | | | 5,260 | | | | | | 5,260 |
| Halcourt | 2,118 | | | | | 2,118 | | | 157 | | | 2,275 |
| Lethbridge | 128,884 | 29,965 | 153,742 | 18,028 | 1,126 | 13,485 | 36,733 | 13,111 | 5,381 | 13,394 | | 387,222 |
| Magrath | 1,758 | | | | | 1,758 | 28 | | 22 | | | 1,808 |
| Milk River | 3,965 | | | | | 3,965 | | | 86 | | | 4,051 |
| Pakan | 195 | | | | | | | | | | | 195 |
| Pakowki | 2,416 | | | | | 2,416 | | 65 | 301 | 65 | | 2,717 |
| Pembina | 54,492 | 7,949 | 18,939 | 5,770 | 227 | 87,791 | 7,618 | 2,258 | 3,515 | 2,566 | | 99,051 |
| Redcliff | 14,208 | 125 | 8,855 | 139 | | 23,327 | 85 | | | | | 24,045 |
| Sheerness | 18,546 | | 3,238 | | | 21,784 | 1,751 | | 1,191 | | | 24,726 |
| Steeveville | 114 | | | | | 114 | | | | | | 114 |
| Taber | 10,829 | 126 | 1,448 | 180 | | 12,615 | 39 | | 1,933 | | 200 | 14,387 |
| Tofield | 17,331 | | 47,718 | 27,757 | | 92,806 | 2,800 | | 81 | | | 95,637 |
| Wetaskiwin | 180 | | | | | 180 | | | | | | 180 |
| No Area | 53 | | | | | 53 | | | | | | 53 |
| Total | 1,065,509 | 84,191 | 1,068,702 | 278,799 | 14,495 | 21,308,247,3,004 | 77,148 | 1,126 | 20,339 | 24,106 | 1,019 | 2,576,831 |

THE MINES BRANCH

How the total output of SUB-BITUMINOUS Coal from the Province was disposed of by areas during 1932:

| Areas | SOLD FOR CONSUMPTION IN | | | | | | Sold to Railroad Companies | Total Sales | Used under Colliery Boilers | Used by R.R. Colliery | Used making Briquettes | Used making Coke | Put to Stock | Put to Waste | Lifted from Stock | Total output for Year including waste put to stock and lifted from stock or waste |
|---------------------|-------------------------|------------------|--------------|----------|---------|--------|----------------------------|-------------|-----------------------------|-----------------------|------------------------|------------------|--------------|--------------|-------------------|---|
| | Alberta | British Columbia | Saskatchewan | Manitoba | Ontario | Quebec | United States | | | | | | | | | |
| Coalspur | 12,903 | 32,369 | 18,720 | 46,202 | 2,733 | ..... | ..... | 220,559 | 333,486 | 21,901 | 4,776 | ..... | 1,381 | 92,178 | 1,190 | 452,532 |
| Pekisko | 1,085 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,085 | ..... | ..... | ..... | 36 | 462 | 56 | 1,527 |
| Pineher | 2,227 | 33 | 68 | ..... | ..... | ..... | ..... | ..... | 2,322 | 8 | ..... | ..... | 209 | 75 | 95 | 2,729 |
| Prairie Creek | 4,129 | 5,134 | 1,981 | 8,657 | 167 | ..... | 204 | 44,369 | 64,337 | 2,347 | ..... | ..... | ..... | ..... | ..... | 66,784 |
| Saunders | 5,846 | 756 | 12,840 | 8,096 | 2,809 | 135 | ..... | 1,403 | 31,865 | 4,022 | ..... | ..... | 149 | ..... | 149 | 35,907 |
| Total | 26,190 | 38,292 | 33,609 | 62,955 | 5,709 | 135 | 204 | 266,331 | 433,425 | 28,278 | 4,776 | ..... | 1,775 | 92,715 | 1,490 | 559,479 |

| BITUMINOUS | | | | | | | | | | | | | | | | |
|---------------------|--------|--------|--------|---------|-------|-------|-------|-----------|-----------|--------|-------|--------|--------|--------|--------|-----------|
| Cascade | 2,391 | 709 | 673 | 3,372 | ..... | ..... | ..... | 131,688 | 138,833 | 17,042 | 390 | 12,629 | ..... | 2,614 | 87 | 169,328 |
| Crow's Nest | 25,390 | 12,833 | 49,570 | 43,316 | 208 | ..... | 5,854 | 534,478 | 671,649 | 23,066 | 731 | 4,591 | 15,734 | 13,620 | 15,039 | 714,352 |
| Mountain Park | 11,764 | 163 | 4,319 | 106,848 | 171 | ..... | ..... | 561,341 | 684,606 | 26,777 | ..... | ..... | ..... | ..... | ..... | 711,383 |
| Nordeg | 3,067 | ..... | 509 | 1,716 | ..... | ..... | ..... | 126,083 | 131,375 | 7,286 | ..... | ..... | 3,653 | ..... | 13,657 | 138,657 |
| Total | 42,612 | 13,705 | 55,071 | 155,252 | 379 | ..... | 5,854 | 1,353,590 | 1,626,463 | 74,171 | 1,121 | 12,629 | 4,591 | 22,001 | 13,707 | 1,733,720 |

How the total output of DOMESTIC Coal was disposed of by months during 1932:

| Months | SOLD FOR CONSUMPTION IN | | | | | Used by R.R. Colliery | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total output for year including put to stock and lifted from stock or waste |
|---------------------------|-------------------------|------------------|--------------|----------|---------|-----------------------|--------------|--------------|-------------------|-------------------|---|
| | Alberta | British Columbia | Saskatchewan | Manitoba | Ontario | United States | | | | | |
| January | 136,547 | 12,391 | 128,715 | 41,046 | 1,878 | 1,495 | 324,387 | 8,101 | 197 | 2,629 | 335,859 |
| February | 137,351 | 10,517 | 132,242 | 39,104 | 2,072 | 1,394 | 325,074 | 7,731 | 192 | 2,728 | 335,569 |
| March | 96,819 | 4,190 | 77,920 | 24,141 | 612 | 641 | 205,170 | 7,627 | 100 | 1,688 | 214,657 |
| April | 48,013 | 2,679 | 28,496 | 6,738 | 291 | 133 | 86,436 | 5,637 | 109 | 1,336 | 90,820 |
| May | 29,369 | 1,963 | 13,485 | 3,756 | 157 | ..... | 47,730 | 4,495 | 6 | 836 | 50,973 |
| June | 26,969 | 1,773 | 14,959 | 4,448 | 175 | ..... | 47,355 | 3,903 | 22 | 284 | 51,311 |
| July | 20,973 | 1,924 | 13,863 | 2,954 | 211 | ..... | 36,926 | 3,700 | 12 | 396 | 39,718 |
| August | 44,808 | 4,358 | 43,983 | 6,580 | 645 | 153 | 109,617 | 6,247 | 50 | 962 | 107,482 |
| September | 82,089 | 13,824 | 102,141 | 21,316 | 1,123 | 530 | 222,354 | 6,453 | 90 | 1,863 | 232,297 |
| October | 149,055 | 11,136 | 202,369 | 48,180 | 3,134 | 835 | 416,293 | 8,056 | 51 | 5,143 | 432,314 |
| November | 154,094 | 9,298 | 136,154 | 44,072 | 2,228 | 903 | 348,212 | 7,952 | 32 | 2,186 | 361,622 |
| December | 140,422 | 11,997 | 117,175 | 36,494 | 2,239 | 1,911 | 311,980 | 8,266 | 245 | 3,332 | 324,209 |
| Total | 1,065,509 | 84,191 | 1,008,702 | 278,799 | 14,495 | 8,301 | 2,473,004 | 77,148 | 1,136 | 20,339 | 2,576,831 |
| Percentage of Total Sales | 43.06 | 3.05 | 40.79 | 11.28 | .58 | .34 | | | | | |

How the total output of SUB-BITUMINOUS Coal was disposed of by months during 1932:

| Months | SOLD FOR CONSUMPTION IN | | | | | | | | Total Sales | Used under Colliery Boilers | Used by Colliery R.R. | Put to Stock | Put to Waste | Lifted from Stock | Total output for year including put to stock and waste but not lifted from stock or waste |
|---------------------------|-------------------------|---------------------|-------------------|----------|---------|--------|------------------|-------------------------------|-------------|--------------------------------|--------------------------|--------------|--------------|----------------------|--|
| | Alberta | British Columbia | Saskat- chewan | Manitoba | Ontario | Quebec | United States | Sold to Railroad Companies | | | | | | | |
| January | 2,301 | 6,534 | 4,022 | 8,723 | 872 | ..... | ..... | 27,854 | 50,306 | 2,976 | 610 | 178 | 5,325 | 125 | 59,270 |
| February | 2,508 | 5,160 | 3,070 | 8,526 | 1,116 | 33 | ..... | 24,308 | 44,721 | 2,882 | 510 | 167 | 6,672 | ..... | 54,952 |
| March | 1,854 | 2,147 | 1,662 | 5,027 | 139 | ..... | ..... | 20,501 | 31,130 | 2,651 | 535 | 188 | 7,889 | ..... | 42,393 |
| April | 636 | 981 | 2,062 | 1,310 | 66 | ..... | ..... | 22,445 | 27,560 | 2,121 | 510 | 7 | 7,492 | ..... | 37,690 |
| May | 406 | 108 | 3,084 | 510 | 30 | ..... | ..... | 21,346 | 25,484 | 1,793 | 435 | 94 | 7,337 | 485 | 34,658 |
| June | 593 | 365 | 449 | 636 | ..... | ..... | ..... | 15,892 | 17,935 | 1,681 | 245 | 35 | 4,514 | 447 | 23,963 |
| July | 987 | 1,107 | 338 | 1,580 | 170 | ..... | ..... | 9,059 | 13,241 | 1,471 | 180 | 2 | 1,529 | 54 | 16,369 |
| August | 1,103 | 1,161 | 3,937 | 2,998 | 215 | ..... | ..... | 12,407 | 21,821 | 1,486 | 195 | 47 | 5,702 | 14 | 29,287 |
| September | 3,019 | 3,616 | 4,164 | 7,087 | 836 | 33 | ..... | 21,156 | 39,911 | 2,215 | 215 | 168 | 7,422 | 34 | 49,897 |
| October | 4,948 | 4,676 | 4,883 | 8,170 | 929 | 34 | 68 | 30,998 | 54,706 | 2,927 | 430 | 58 | 10,905 | 84 | 68,942 |
| November | 3,835 | 5,136 | 3,129 | 8,925 | 803 | 35 | 102 | 31,182 | 53,147 | 2,986 | 455 | 140 | 12,164 | 120 | 68,772 |
| December | 4,140 | 7,301 | 2,809 | 9,463 | 533 | ..... | 34 | 29,183 | 53,463 | 3,089 | 456 | 691 | 15,764 | 127 | 73,335 |
| Total..... | 26,190 | 38,292 | 33,609 | 62,955 | 5,709 | 135 | 204 | 266,331 | 433,425 | 28,278 | 4,776 | 1,775 | 92,715 | 1,396 | 559,479 |
| Percentage of Total Sales | 6.06 | 8.85 | 7.77 | 14.54 | 1.33 | ..... | ..... | 61.45 | | | | | | | |

Amount of COAL sold during the years 1915 to 1932 inclusive for consumption in:

| Year | Alberta | British Columbia | Saskatchewan | Manitoba | Ontario | Quebec | United States | To Railroads | Total |
|------|-----------|------------------|--------------|----------|---------|--------|---------------|--------------|-----------|
| 1915 | 2,120,130 | 54,860 | 695,898 | 64,816 | ..... | ..... | 25,047 | ..... | 2,969,751 |
| 1916 | 2,866,670 | 86,413 | 1,007,765 | 97,255 | ..... | ..... | 61,092 | ..... | 4,119,505 |
| 1917 | 2,813,413 | 76,397 | 1,139,771 | 249,872 | ..... | ..... | 93,081 | ..... | 4,372,534 |
| 1918 | 3,440,154 | 101,189 | 1,372,439 | 511,168 | 629 | ..... | 133,276 | ..... | 5,368,555 |
| 1919 | 2,991,110 | 95,461 | 1,115,329 | 314,290 | 308 | ..... | 121,212 | ..... | 4,637,710 |
| 1920 | 1,647,202 | 128,850 | 1,310,146 | 600,962 | 13,911 | 30 | 152,610 | 2,516,555 | 6,371,266 |
| 1921 | 1,415,861 | 116,089 | 1,294,441 | 495,388 | 9,898 | ..... | 133,823 | 2,023,204 | 5,488,704 |
| 1922 | 1,448,942 | 107,320 | 1,371,249 | 520,518 | 21,573 | 102 | 105,514 | 2,076,291 | 5,647,109 |
| 1923 | 1,382,788 | 108,326 | 1,223,454 | 553,619 | 52,334 | ..... | 83,557 | 3,110,121 | 6,514,219 |
| 1924 | 1,431,327 | 114,186 | 1,189,788 | 510,407 | 16,525 | ..... | 39,142 | 1,613,574 | 4,914,949 |
| 1925 | 1,440,032 | 117,037 | 1,297,653 | 509,655 | 28,831 | ..... | 40,507 | 2,139,716 | 5,573,431 |
| 1926 | 1,325,290 | 127,858 | 1,296,181 | 591,257 | 74,559 | 221 | 48,216 | 2,706,440 | 6,170,032 |
| 1927 | 1,508,089 | 187,028 | 1,428,304 | 612,542 | 22,680 | ..... | 45,160 | 2,759,765 | 6,653,168 |
| 1928 | 1,409,475 | 262,198 | 1,511,141 | 605,125 | 52,265 | ..... | 44,265 | 3,054,239 | 6,938,708 |
| 1929 | 1,446,555 | 236,540 | 1,456,213 | 588,647 | 55,647 | 33 | 51,625 | 2,923,327 | 6,758,075 |
| 1930 | 1,234,382 | 227,385 | 1,221,542 | 541,637 | 29,764 | 32 | 44,291 | 2,120,237 | 5,419,190 |
| 1931 | 1,020,694 | 171,510 | 905,574 | 442,761 | 27,036 | 100 | 30,434 | 1,668,451 | 4,266,660 |
| 1932 | 1,134,311 | 136,188 | 1,097,382 | 497,006 | 20,533 | 135 | 27,366 | 1,619,921 | 4,532,892 |

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

THE MINES BRANCH

Coal produced by years from 1928 to 1932 inclusive:

DOMESTIC COAL FIELD

| Areas | 1928 | 1929 | 1930 | 1931 | 1932 |
|------------------------|-----------|-----------|-----------|-----------|-----------|
| Ardley | 6,725 | 3,344 | 2,852 | 10,578 | 18,409 |
| Big Valley | 9,089 | 4,622 | 4,451 | 3,344 | 4,738 |
| Brooks | 5,666 | 6,633 | 7,992 | 4,905 | 6,622 |
| Camrose | 43,905 | 41,107 | 35,443 | 41,194 | 42,376 |
| Carbon | 110,286 | 111,308 | 91,027 | 85,824 | 88,837 |
| Castor | 34,100 | 31,583 | 24,759 | 24,162 | 37,043 |
| Champion | 8,753 | 10,498 | 12,441 | 12,113 | 17,296 |
| Drumheller | 1,487,483 | 1,574,766 | 1,433,350 | 1,070,543 | 1,245,474 |
| Edmonton | 452,671 | 476,702 | 417,310 | 370,252 | 454,293 |
| Gleichen | 3,289 | 2,844 | 3,055 | 3,235 | 5,260 |
| Halcourt | 636 | 475 | 436 | 2,080 | 2,275 |
| Lethbridge | 795,855 | 731,149 | 545,227 | 358,746 | 387,222 |
| Magrath | 598 | 910 | 969 | 1,749 | 1,808 |
| Milk River | 1,104 | 829 | 1,357 | 3,879 | 4,051 |
| Pakowki | 1,917 | 1,735 | 2,092 | 1,615 | 2,717 |
| Pembina | 158,907 | 162,271 | 119,983 | 92,916 | 99,051 |
| Redcliff | 25,697 | 27,283 | 25,180 | 25,119 | 24,045 |
| Rochester ..... | ..... | ..... | 140 | 225 | ..... |
| Sexsmith ..... | ..... | ..... | ..... | 34 | ..... |
| Sheerness | 22,672 | 20,440 | 21,674 | 20,134 | 24,726 |
| Stevenville ..... | ..... | ..... | ..... | ..... | 136 |
| Taber | 58,950 | 22,173 | 12,303 | 11,863 | 14,387 |
| Tofield | 149,012 | 155,059 | 111,932 | 101,792 | 95,637 |
| Wetaskiwin | 159 | ..... | 105 | 188 | 180 |
| Wainwright ..... | ..... | 18 | ..... | ..... | ..... |
| Whitcourt | 119 | ..... | 12 | 54 | ..... |
| No Area Assigned | 605 | ..... | ..... | ..... | 53 |
| Pakan ..... | ..... | ..... | ..... | ..... | 195 |
| Total..... | 3,378,200 | 3,385,749 | 2,874,090 | 2,246,544 | 2,576,831 |

SUB-BITUMINOUS COAL FIELD

| | | | | | |
|---------------------|---------|---------|---------|---------|---------|
| Coalspur | 645,370 | 565,991 | 515,296 | 398,068 | 452,532 |
| Morley ..... | ..... | ..... | ..... | ..... | ..... |
| Pekisko | 2,189 | 4,493 | 4,225 | 873 | 1,527 |
| Pincher | 3,213 | 1,823 | 2,318 | 2,413 | 2,729 |
| Prairie Creek ..... | ..... | 6,713 | 15,425 | 35,523 | 66,784 |
| Saunders | 89,726 | 89,088 | 66,067 | 34,512 | 35,907 |
| Total..... | 740,498 | 668,108 | 603,331 | 471,389 | 559,479 |

BITUMINOUS COAL FIELD

| | | | | | |
|---------------------|-----------|-----------|-----------|-----------|-----------|
| Brule | 75,203 | ..... | ..... | ..... | ..... |
| Cascade | 283,587 | 299,428 | 212,953 | 166,297 | 169,328 |
| Crow's Nest | 1,639,343 | 1,552,966 | 1,133,914 | 951,970 | 714,352 |
| Mountain Park | 975,584 | 993,404 | 726,777 | 560,875 | 711,383 |
| Nordegg | 241,764 | 247,595 | 204,846 | 167,215 | 138,657 |
| Total..... | 3,215,481 | 3,093,393 | 2,278,490 | 1,846,357 | 1,733,720 |

Total output of DOMESTIC COAL by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-------------|---------|---------|---------|--------|--------|--------|--------|---------|---------|---------|---------|---------|-----------|
| Ardley | 2,118 | 2,086 | 749 | 217 | 358 | 546 | 362 | 1,167 | 1,845 | 3,089 | 3,070 | 2,762 | 18,409 |
| Big Valley | 810 | 701 | 496 | 111 | 152 | 28 | 17 | 21 | 149 | 422 | 1,167 | 664 | 4,738 |
| Brooks | 492 | 550 | 489 | 139 | 108 | 110 | 84 | 177 | 510 | 1,191 | 848 | 1,924 | 6,624 |
| Camrose | 6,297 | 6,258 | 4,363 | 2,472 | 914 | 1,454 | 790 | 1,359 | 3,340 | 5,297 | 5,090 | 4,742 | 42,376 |
| Carbon | 11,709 | 12,270 | 8,159 | 2,729 | 1,811 | 730 | 911 | 2,187 | 6,492 | 12,564 | 16,145 | 13,630 | 88,837 |
| Castor | 5,640 | 4,926 | 2,521 | 529 | 252 | 331 | 303 | 808 | 1,309 | 6,611 | 8,809 | 5,404 | 37,043 |
| Champion | 1,526 | 1,752 | 1,521 | 592 | 471 | 428 | 535 | 408 | 1,433 | 3,051 | 2,934 | 2,245 | 17,296 |
| Drumheller | 171,400 | 171,936 | 96,082 | 31,929 | 16,440 | 14,169 | 10,234 | 46,013 | 123,202 | 240,259 | 173,675 | 150,135 | 1,245,474 |
| Edmonton | 64,709 | 63,891 | 45,512 | 20,097 | 14,496 | 11,894 | 9,422 | 14,314 | 28,780 | 57,345 | 60,912 | 62,421 | 454,293 |
| Gleichen | 520 | 553 | 492 | 158 | 109 | 94 | 76 | 124 | 293 | 947 | 969 | 915 | 5,260 |
| Halcourt | 543 | 367 | 218 | 26 | 4 | ..... | ..... | ..... | 10 | 140 | 341 | 563 | 2,275 |
| Lethbridge | 40,824 | 43,379 | 30,884 | 11,217 | 8,245 | 11,081 | 9,733 | 27,693 | 45,286 | 68,124 | 47,587 | 43,169 | 387,222 |
| Marathon | 392 | 412 | 210 | 61 | 37 | 29 | 8 | 20 | 65 | 121 | 138 | 315 | 1,808 |
| Milk River | 193 | 140 | 141 | 545 | 38 | 40 | 76 | 85 | 256 | 1,270 | 830 | 437 | 4,051 |
| Pakowki | 114 | 126 | 151 | 14 | 18 | 4 | 14 | 49 | 129 | 873 | 843 | 382 | 2,717 |
| Pembina | 13,199 | 13,456 | 10,178 | 11,011 | 1,782 | 1,659 | 1,056 | 5,338 | 6,591 | 9,493 | 13,056 | 12,202 | 99,051 |
| Redcliff | 2,714 | 2,253 | 2,374 | 1,718 | 501 | 1,051 | 625 | 761 | 1,569 | 1,801 | 3,287 | 5,301 | 24,045 |
| Sheerness | 2,164 | 1,890 | 1,643 | 553 | 524 | 296 | 420 | 587 | 1,288 | 5,588 | 6,521 | 3,252 | 24,726 |
| Stevenville | 33 | 56 | 47 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 136 |
| Taber | 1,354 | 944 | 1,205 | 440 | 363 | 229 | 160 | 367 | 1,217 | 3,259 | 2,832 | 2,017 | 14,387 |
| Tofield | 9,055 | 7,581 | 7,211 | 6,200 | 4,850 | 7,138 | 4,857 | 5,476 | 8,533 | 10,869 | 12,515 | 11,352 | 95,637 |
| Wetaskiwin | 43 | 32 | 11 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 180 |
| No Area | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 53 |
| Pakan | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 195 |
| Total | 335,859 | 335,569 | 214,657 | 90,820 | 50,973 | 51,311 | 39,718 | 107,482 | 282,297 | 432,314 | 381,622 | 324,209 | 2,576,831 |

Total output of SUB-BITUMINOUS COAL by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Coalspur | 48,639 | 43,732 | 36,237 | 33,740 | 30,742 | 19,667 | 11,703 | 22,834 | 36,467 | 53,935 | 54,742 | 60,034 | 452,532 |
| Pekisko | 286 | 296 | 165 | 31 | 79 | 66 | 100 | 63 | 66 | 114 | 116 | 145 | 1,527 |
| Pincher | 269 | 227 | 358 | 124 | 44 | 57 | 17 | 53 | 303 | 457 | 497 | 323 | 2,729 |
| Prairie Creek | 6,261 | 6,062 | 4,407 | 3,319 | 3,359 | 3,631 | 3,640 | 3,828 | 7,074 | 8,107 | 8,134 | 8,962 | 66,784 |
| Saunders | 3,815 | 4,635 | 1,166 | 476 | 434 | 542 | 909 | 2,459 | 5,987 | 6,329 | 5,283 | 3,872 | 35,907 |
| Total | 59,270 | 54,952 | 42,393 | 37,690 | 34,658 | 23,963 | 16,369 | 29,237 | 49,897 | 68,942 | 68,772 | 73,336 | 559,479 |

Total output of BITUMINOUS COAL by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Cascade | 9,401 | 13,329 | 15,131 | 13,257 | 14,866 | 24,047 | 16,595 | 15,245 | 14,182 | 11,279 | 9,083 | 12,913 | 169,328 |
| Crow's Nest | 51,564 | 82,141 | 53,049 | 32,464 | 44,247 | 92,194 | 74,443 | 53,775 | 63,973 | 43,822 | 47,282 | 75,388 | 714,352 |
| Mountain Park | 66,899 | 68,723 | 70,197 | 66,845 | 45,042 | 34,856 | 43,694 | 47,830 | 58,223 | 77,665 | 76,532 | 55,077 | 711,383 |
| Nordegg | 10,749 | 14,317 | 15,606 | 12,556 | 7,260 | 6,344 | 6,324 | 8,627 | 14,314 | 16,729 | 13,306 | 12,525 | 138,657 |
| Total..... | 138,613 | 178,510 | 153,983 | 125,122 | 111,415 | 157,441 | 141,056 | 125,277 | 150,692 | 149,495 | 146,273 | 155,843 | 1,733,720 |

Total output of COAL AND BRIQUETTES during the year:

| | | | | | | | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Coal | 533,742 | 569,031 | 411,033 | 253,632 | 197,046 | 232,715 | 197,143 | 261,396 | 432,886 | 650,751 | 576,667 | 553,388 | 4,870,030 |
| Briquettes | 1,850 | 1,761 | 1,472 | 112 | 217 | 1,288 | 486 | 308 | 1,039 | 1,289 | 1,308 | 1,352 | 13,582 |

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

| | | | | | | | | | | | | | |
|---------------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|
| Coalspur | 23,439 | 20,574 | 16,694 | 19,244 | 18,028 | 12,134 | 5,674 | 8,694 | 17,065 | 26,878 | 27,404 | 24,681 | 220,559 |
| Prairie Creek | 3,944 | 3,407 | 3,544 | 3,131 | 3,210 | 3,544 | 3,385 | 3,713 | 4,091 | 4,120 | 3,778 | 4,502 | 44,369 |
| Saunders | 421 | 327 | 263 | 10 | 108 | 214 | ..... | ..... | ..... | ..... | ..... | ..... | 1,403 |
| Total..... | 27,854 | 24,308 | 20,501 | 22,445 | 21,346 | 15,892 | 9,059 | 12,407 | 21,156 | 30,998 | 31,182 | 29,183 | 266,331 |

Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

| | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Cascade | 5,242 | 9,222 | 11,638 | 11,762 | 13,233 | 21,083 | 14,437 | 12,470 | 11,408 | 7,678 | 5,322 | 8,193 | 131,688 |
| Crow's Nest | 28,872 | 52,346 | 42,218 | 29,637 | 36,327 | 85,048 | 62,464 | 45,011 | 51,408 | 30,406 | 26,164 | 44,477 | 534,478 |
| Mountain Park | 51,665 | 55,116 | 57,644 | 55,356 | 33,567 | 25,954 | 36,467 | 39,308 | 46,023 | 61,191 | 60,058 | 39,672 | 561,341 |
| Nordegg | 8,713 | 12,012 | 14,148 | 10,024 | 8,007 | 6,025 | 5,975 | 8,191 | 13,691 | 15,914 | 12,013 | 11,370 | 126,083 |
| Total..... | 94,492 | 128,696 | 125,648 | 106,849 | 91,184 | 137,410 | 119,343 | 104,980 | 122,530 | 115,189 | 103,557 | 103,712 | 1,353,590 |
| Grand Total..... | 122,346 | 153,004 | 146,149 | 129,294 | 112,530 | 153,302 | 128,402 | 117,387 | 143,686 | 146,187 | 134,739 | 132,895 | 1,619,921 |

Total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

| LUMP COAL | | | | | | | | | | | | |
|-------------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|---------|
| Ardley | 262 | 216 | 107 | 1 | 34 | 96 | 466 | 515 | 648 | 516 | 652 | 3,512 |
| Big Valley | 186 | 167 | 62 | 15 | 35 | ..... | 2 | 25 | 33 | 20 | 200 | 745 |
| Brooks | 1,492 | 91 | 489 | 124 | 99 | 75 | 168 | 493 | 1,191 | 799 | 390 | 4,967 |
| Camrose | 1,537 | 1,585 | 890 | 854 | 278 | 586 | 585 | 928 | 1,409 | 1,625 | 1,466 | 11,997 |
| Carbon | 3,584 | 3,539 | 1,920 | 616 | 777 | 383 | 450 | 2,368 | 3,273 | 4,378 | 3,353 | 25,021 |
| Casper | 799 | 787 | 350 | 47 | 799 | 48 | 61 | 291 | 1,243 | 1,348 | 912 | 6,009 |
| Champion | 777 | 939 | 834 | 376 | 249 | 21 | 545 | 861 | 2,044 | 1,788 | 1,440 | 10,391 |
| Drumheller | 15,330 | 14,555 | 8,548 | 3,272 | 2,185 | 1,250 | 5,688 | 11,774 | 17,990 | 15,830 | 12,256 | 111,042 |
| Edmonton | 23,779 | 21,456 | 14,002 | 5,181 | 3,407 | 1,521 | 3,244 | 9,170 | 19,773 | 19,284 | 19,336 | 142,814 |
| Geichen | 288 | 292 | 286 | 92 | 77 | 64 | 65 | 187 | 549 | 444 | 456 | 2,845 |
| Halcourt | 294 | 105 | 99 | 14 | 3 | ..... | 4,496 | 8 | 40 | 155 | 137 | 775 |
| Lethbridge | 6,844 | 7,442 | 6,341 | 1,289 | 2,709 | 2,263 | 4,496 | 6,140 | 10,396 | 8,063 | 7,203 | 89,166 |
| Margath | 263 | 243 | 132 | 31 | 24 | 6 | 14 | 37 | 92 | 90 | 260 | 1,210 |
| Milk River | 1 | 16 | 1 | 10 | 7 | 12 | 14 | 51 | 123 | 121 | 25 | 466 |
| Pakowki | 36 | 26 | 3 | 6 | 3 | 4 | 7 | 66 | 386 | 283 | 164 | 1,086 |
| Pembina | 1,693 | 1,679 | 1,051 | 1,142 | 43 | 96 | 1,213 | 988 | 1,082 | 2,782 | 2,653 | 14,432 |
| Redcliff | 121 | 186 | 38 | 13 | ..... | ..... | 1,213 | 327 | 230 | 357 | 479 | 4,652 |
| Sheerness | 159 | 14 | 259 | 40 | 66 | 19 | 70 | 321 | 1,661 | 1,505 | 391 | 4,543 |
| Steeleville | 33 | 44 | 47 | ..... | ..... | ..... | 138 | 775 | 1,817 | 1,299 | 989 | 7,474 |
| Tabor | 627 | 577 | 631 | 252 | 165 | 98 | 138 | 447 | 864 | 977 | 782 | 5,637 |
| Tofield | 796 | 531 | 428 | 212 | 150 | 150 | 150 | 147 | 864 | 977 | 782 | 5,637 |
| Total | 57,814 | 51,949 | 36,665 | 16,587 | 10,634 | 9,328 | 6,512 | 35,567 | 64,850 | 61,661 | 53,544 | 425,897 |

THE MINES BRANCH

MINE-RUN COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------|
| Ardley | 1,216 | 1,303 | 618 | 50 | 112 | 90 | 68 | 153 | 443 | 1,285 | 1,455 | 1,320 | 8,113 |
| Big Valley | 387 | 275 | 253 | 60 | 61 | 26 | 16 | 13 | 101 | 354 | 1,082 | 309 | 2,937 |
| Brooks ..... | ..... | ..... | ..... | ..... | ..... | 11 | ..... | ..... | ..... | ..... | ..... | 1,507 | 1,518 |
| Camrose | 662 | 548 | 367 | 128 | 126 | 226 | 160 | 138 | 128 | 398 | 439 | 255 | 3,525 |
| Carbon | 769 | 1,070 | 453 | 136 | 169 | 69 | 66 | 256 | 602 | 975 | 1,279 | 1,179 | 6,922 |
| Castor | 4,625 | 3,788 | 2,000 | 410 | 169 | 219 | 236 | 316 | 944 | 5,049 | 7,024 | 3,861 | 28,641 |
| Champion | 591 | 657 | 546 | 138 | 163 | 117 | 181 | 164 | 366 | 568 | 1,750 | 880 | 5,731 |
| Drumheller | 572 | 649 | 524 | 509 | 198 | 121 | 127 | 111 | 460 | 642 | 1,021 | 884 | 5,818 |
| Edmonton | 4,126 | 4,569 | 4,492 | 4,200 | 3,255 | 3,367 | 2,907 | 4,470 | 1,529 | 4,328 | 7,449 | 8,260 | 52,382 |
| Gleichen | 224 | 235 | 190 | 59 | 25 | 30 | 27 | 59 | 90 | 351 | 490 | 423 | 2,293 |
| Halcourt | 225 | 216 | 87 | 19 | ..... | ..... | 30 | 26 | ..... | 87 | 155 | 399 | 1,773 |
| Lethbridge | 141 | 96 | 2,438 | ..... | 23 | 206 | 179 | 338 | 548 | 1,190 | 891 | 614 | 6,135 |
| Magrath | 8 | 34 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48 |
| Milk River | 188 | 120 | 77 | 533 | 30 | 25 | 60 | 57 | 195 | 1,123 | 684 | 407 | 3,499 |
| Pakowki | 65 | 85 | 33 | 6 | ..... | ..... | 12 | ..... | 51 | 417 | 457 | 156 | 1,282 |
| Pembina | 2,643 | 2,456 | 2,710 | 1,597 | 1,466 | 1,135 | 992 | 606 | 1,273 | 304 | 1,268 | 1,978 | 18,438 |
| Redcliff | 1,574 | 1,135 | 1,756 | 1,381 | 252 | 943 | 277 | 546 | 724 | 462 | 1,129 | 1,669 | 11,848 |
| Sheerness | 809 | 1,201 | 904 | 268 | 277 | 127 | 264 | 258 | 771 | 3,154 | 3,561 | 2,165 | 13,759 |
| Taber | 61 | 80 | 66 | 36 | 23 | 16 | 29 | 126 | 113 | 453 | 341 | 204 | 1,568 |
| Tofield | 1,602 | 1,424 | 890 | 283 | 203 | 130 | 285 | 162 | 840 | 722 | 1,986 | 1,420 | 9,947 |
| Wetaskiwin | 43 | 32 | 11 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 92 | 180 |
| No Area ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 53 | ..... | 53 |
| Pakan ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 195 | 195 |
| Total | 20,551 | 19,973 | 18,415 | 9,838 | 6,482 | 6,858 | 5,916 | 7,798 | 9,178 | 21,862 | 31,514 | 27,780 | 186,145 |

NUT COAL

| | | | | | | | | | | | | | |
|------------------|--------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|---------|
| Ardley | 162 | 195 | 1 | 113 | 114 | 172 | 78 | 196 | 178 | 385 | 366 | 437 | 2,397 |
| Big Valley | 119 | 125 | 68 | 151 | 31 | ..... | ..... | 1 | 9 | 15 | 32 | 80 | 495 |
| Brooks ..... | ..... | ..... | ..... | ..... | 11 | ..... | ..... | ..... | ..... | ..... | 49 | ..... | 60 |
| Camrose | 1,359 | 1,453 | 1,190 | 408 | 155 | 108 | 97 | 252 | 953 | 1,490 | 1,866 | 1,749 | 10,580 |
| Carbon | 3,251 | 2,933 | 2,185 | 583 | 324 | 178 | 264 | 541 | 1,534 | 2,693 | 3,307 | 3,844 | 21,637 |
| Castor | 16 | 25 | 26 | 8 | 4 | 1 | 2 | ..... | ..... | 53 | 47 | 28 | 211 |
| Champion | 93 | 82 | 82 | 52 | 38 | 45 | 44 | 65 | 137 | 334 | 285 | 212 | 1,469 |
| Drumheller | 4,934 | 4,542 | 3,131 | 1,843 | 1,264 | 1,279 | 512 | 1,766 | 3,509 | 7,122 | 5,637 | 3,918 | 39,457 |
| Edmonton | 17,870 | 19,881 | 15,510 | 5,400 | 4,154 | 3,131 | 3,000 | 4,088 | 9,360 | 16,315 | 17,226 | 17,308 | 133,243 |
| Gleichen | 5 | 25 | 16 | 7 | 7 | ..... | 4 | ..... | 16 | 47 | 35 | 36 | 200 |
| Halcourt ..... | ..... | ..... | ..... | ..... | 602 | 591 | 891 | 1,687 | 2,013 | 3,691 | 3,060 | ..... | 12 |
| Lethbridge | 2,735 | 3,164 | 91 | 1,217 | 6 | 10 | 2 | 98 | 91 | 22 | 28 | 46 | 22,298 |
| Magrath | 113 | 114 | 67 | 183 | ..... | ..... | ..... | 692 | 655 | 552 | 630 | 650 | 10,926 |
| Pemina | 1,790 | 2,480 | 1,613 | 1,851 | ..... | ..... | ..... | ..... | 8 | 137 | 82 | 26 | 238 |
| Redcliff | 12 | 8 | 17 | 6 | ..... | 2 | ..... | ..... | ..... | ..... | 35 | 10 | 153 |
| Sheerness | 48 | ..... | 198 | 2 | 12 | 4 | 5 | 5 | 33 | 216 | 228 | 175 | 1,016 |
| Taber | 126 | 70 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | 1,032 | 205 | 349 | 1,678 |
| Tofield | 41 | 31 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 32,690 | 35,139 | 24,220 | 11,502 | 6,722 | 5,521 | 4,899 | 9,299 | 18,439 | 34,104 | 32,682 | 31,364 | 246,581 |

SLACK COAL

| | | | | | | | | | | | | | |
|------------------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|---------|
| Ardley | 39 | ..... | ..... | ..... | 15 | ..... | ..... | 37 | 2 | 34 | 139 | 8 | 274 |
| Big Valley | 15 | ..... | 60 | 15 | ..... | ..... | 9 | ..... | ..... | ..... | ..... | 27 | 56 |
| Brooks ..... | ..... | ..... | ..... | 15 | ..... | ..... | 46 | 60 | 92 | 78 | 252 | 185 | 2,288 |
| Camrose | 447 | 566 | 204 | 139 | 154 | 45 | ..... | 128 | 518 | 1,205 | 1,310 | 1,429 | 7,934 |
| Carbon | 1,078 | 1,011 | 630 | 511 | 15 | 6 | ..... | ..... | ..... | ..... | 16 | 23 | 211 |
| Castor | 48 | 48 | 39 | 17 | 8 | 8 | 10 | 15 | 23 | 60 | ..... | ..... | 213 |
| Champion | 45 | 48 | 39 | 17 | 8 | 8 | 10 | 15 | 23 | 60 | ..... | ..... | 213 |
| Drumheller | 7,596 | 9,485 | 5,047 | 3,183 | 2,104 | 1,848 | 1,382 | 4,989 | 7,003 | 7,962 | 8,197 | 6,905 | 65,701 |
| Edmonton | 13,361 | 12,730 | 8,713 | 3,746 | 2,562 | 1,836 | 1,545 | 2,050 | 5,333 | 10,835 | 12,008 | 12,807 | 87,096 |
| Gleichen | 2 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 |
| Halcourt | 25 | 18 | 12 | 6 | ..... | ..... | ..... | ..... | 2 | 10 | 11 | 22 | 106 |
| Lethbridge | 1,037 | 1,738 | 1,665 | 302 | 435 | 493 | 552 | 2,251 | 4,606 | 7,452 | 4,991 | 5,267 | 30,809 |
| Magrath | 8 | 21 | 9 | 2 | 2 | 1 | ..... | ..... | ..... | 7 | ..... | ..... | 48 |
| Pakowki | 3 | ..... | ..... | ..... | 2 | 1 | ..... | 2 | 841 | 40 | 995 | 863 | 52 |
| Pemina | 1,655 | 1,507 | 1,115 | 2,068 | 100 | 49 | ..... | 792 | 717 | 717 | 995 | 863 | 10,702 |
| Redcliff | 27 | 26 | 23 | 2 | 4 | 2 | 2 | 1 | 34 | 121 | 106 | 62 | 410 |
| Sheerness | 5 | 9 | ..... | 4 | 12 | ..... | ..... | ..... | ..... | 28 | ..... | 33 | 91 |
| Steveville ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Taber | 32 | 32 | ..... | 69 | 120 | 53 | ..... | ..... | 50 | 100 | 152 | 103 | 711 |
| Tofield | 69 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 69 |
| Total | 25,512 | 27,290 | 17,519 | 10,086 | 5,531 | 4,362 | 3,546 | 10,325 | 18,505 | 28,230 | 28,237 | 27,734 | 206,886 |

THE MINES BRANCH

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:
LUMP COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|-------|------|-------|-------|-------|------|------|-------|-------|-------|-------|--------|
| Coalspur | 722 | 752 | 460 | 145 | 95 | 117 | 483 | 266 | 904 | 1,565 | 931 | 1,019 | 7,459 |
| Pincher | 110 | 73 | 113 | 34 | 24 | 15 | 9 | 8 | 27 | 112 | 93 | 125 | 743 |
| Prairie Creek | 174 | 214 | 172 | 10 | ..... | ..... | 2 | 7 | 197 | 395 | 255 | 266 | 1,592 |
| Saunders | 220 | 355 | 32 | 90 | 33 | 61 | 33 | 158 | 491 | 477 | 230 | 195 | 2,375 |
| Total | 1,226 | 1,394 | 677 | 279 | 152 | 193 | 527 | 439 | 1,619 | 2,549 | 1,509 | 1,605 | 12,169 |

| MINE-RUN COAL | | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|
| Coalspur | 200 | 113 | 66 | 47 | 62 | 64 | 52 | 47 | 81 | 98 | 71 | 116 | 1,017 |
| Pekisko | 137 | 162 | 150 | 21 | 22 | 40 | 85 | 63 | 100 | 104 | 89 | 112 | 1,085 |
| Pincher | 24 | 42 | 48 | 73 | ..... | ..... | ..... | ..... | 68 | ..... | ..... | ..... | 255 |
| Prairie Creek | 118 | 43 | 32 | 63 | 68 | 6 | 5 | 31 | 65 | 94 | 233 | 127 | 891 |
| Saunders | 177 | 128 | 81 | 40 | 72 | 38 | 111 | 71 | 114 | 135 | 182 | 29 | 1,078 |
| Total | 556 | 494 | 377 | 244 | 224 | 148 | 253 | 212 | 428 | 431 | 575 | 384 | 4,326 |

| NUT COAL | | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-------|-------|-------|-----|-------|-----|-------|-------|-------|-------|
| Coalspur | 65 | 89 | 89 | 76 | 10 | 157 | 67 | 231 | 621 | 486 | 335 | 732 | 2,958 |
| Pincher | 121 | 95 | 174 | ..... | 20 | 37 | 4 | 4 | 73 | 176 | 183 | 134 | 1,021 |
| Prairie Creek | 44 | 43 | 92 | ..... | ..... | ..... | 3 | ..... | 37 | 289 | 241 | 181 | 930 |
| Saunders | 280 | 383 | 199 | 87 | ..... | 58 | 133 | 185 | 234 | 125 | 358 | 351 | 2,393 |
| Total | 510 | 610 | 554 | 163 | 30 | 252 | 207 | 420 | 965 | 1,076 | 1,117 | 1,398 | 7,302 |

SLACK COAL

| | | | | | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|
| Coalspur ..... | ..... | 9 | ..... | 31 | 10 | ..... | ..... | ..... | ..... | 32 | ..... | 7 | ..... | 740 | 227 | 439 | 1,469 |
| Pincher ..... | ..... | ..... | ..... | 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46 | 86 | 25 | 208 |
| Prairie Creek ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 106 | 321 | 289 | 716 |
| Total..... | 9 | 10 | 46 | ..... | 10 | ..... | ..... | ..... | ..... | 32 | 7 | ..... | 892 | 634 | 753 | 2,393 | |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

| | | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Cascade | 236 | 182 | 172 | 137 | 27 | 60 | 15 | 60 | 171 | 117 | 180 | 228 | 1,575 |
| Crow's Nest | 418 | 473 | 290 | 152 | 113 | 89 | 51 | 146 | 185 | 248 | 347 | 426 | 2,938 |
| Mountain Park | 120 | 154 | 113 | 80 | 160 | 43 | 40 | 24 | 78 | 127 | 147 | 157 | 1,232 |
| Total..... | 764 | 809 | 575 | 378 | 300 | 192 | 106 | 230 | 434 | 492 | 674 | 811 | 5,765 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|--------|
| Cascade | 50 | ..... | ..... | 48 | ..... | ..... | 119 | 36 | 109 | 82 | 9 | ..... | 453 |
| Crow's Nest | 2,062 | 2,271 | 1,412 | 522 | 364 | 378 | 168 | 1,003 | 1,913 | 1,964 | 3,116 | ..... | 16,596 |
| Mountain Park | 610 | 570 | 559 | 428 | 120 | 414 | 388 | 255 | 609 | 476 | 450 | 381 | 5,283 |
| Nordeg | 513 | 828 | 599 | 72 | 32 | 59 | 42 | 61 | 179 | 151 | 269 | 262 | 3,067 |
| Total..... | 3,235 | 3,669 | 2,563 | 1,070 | 516 | 851 | 717 | 1,355 | 2,842 | 2,100 | 2,692 | 3,759 | 25,369 |

NUT COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|
| Cascade | 50 | 50 | 50 | 45 | 12 | 12 | 12 | 12 | ..... | 40 | 40 | 40 | 363 |
| Crow's Nest | 145 | 90 | 88 | 12 | 10 | 9 | 10 | 17 | 46 | 98 | 102 | 131 | 758 |
| Mountain Park ..... | ..... | ..... | ..... | 422 | ..... | 270 | ..... | ..... | ..... | ..... | ..... | ..... | 692 |
| Total..... | 195 | 140 | 138 | 479 | 22 | 291 | 22 | 29 | 46 | 138 | 142 | 171 | 1,813 |

SLACK COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|------|-------|------|-------|-----|-------|------|-------|-------|------|-------|-------|-------|
| Crow's Nest | 657 | 840 | 305 | 113 | 58 | 116 | 429 | 873 | 279 | 313 | 240 | 875 | 5,098 |
| Mountain Park | 3 | 478 | 343 | ..... | 501 | ..... | 260 | 238 | 498 | 512 | 817 | 917 | 4,567 |
| Total..... | 660 | 1,318 | 648 | 113 | 559 | 116 | 689 | 1,111 | 777 | 825 | 1,057 | 1,792 | 9,665 |

Total amount of Domestic Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

| | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|
| Carbon | 66 | 32 | ..... | ..... | 31 | ..... | ..... | ..... | 76 | 105 | 131 | 174 | 615 |
| Drumheller | 4,681 | 3,691 | 1,092 | 945 | 145 | 238 | 238 | 1,027 | 6,518 | 3,467 | 3,856 | 4,894 | 30,732 |
| Edmonton | 66 | 98 | ..... | ..... | ..... | ..... | ..... | ..... | 98 | ..... | ..... | ..... | 262 |
| Lethbridge | 2,746 | 2,782 | 1,262 | 485 | 228 | 1,002 | 456 | 1,873 | 3,566 | 3,795 | 2,300 | 3,003 | 23,598 |
| Pembina | 687 | 486 | 34 | 60 | ..... | ..... | ..... | 214 | 306 | 120 | 374 | 565 | 2,786 |
| Redcliff | 33 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 | ..... | ..... | ..... | 125 |
| Taber | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 33 | ..... | 30 | 126 |
| Total..... | 8,310 | 7,089 | 2,388 | 1,490 | 504 | 1,240 | 694 | 3,114 | 10,628 | 7,520 | 6,661 | 8,666 | 58,304 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|--------------|----|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|----|
| Carbon | 30 | | | | | | | | 35 | | | | 65 |
|--------------|----|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|----|

NUT COAL

| | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Carbon ..... | ..... | 36 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 36 |
| Drumheller | 1,998 | 1,951 | 1,980 | 515 | 329 | 348 | 161 | 536 | 1,664 | 2,005 | 1,383 | 2,160 | 14,125 |
| Edmonton ..... | ..... | 98 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 98 |
| Lethbridge | 1,037 | 774 | 333 | 161 | 135 | 186 | 70 | 317 | 999 | 1,252 | 592 | 511 | 6,367 |
| Pembina | 885 | 667 | 389 | 513 | ..... | ..... | ..... | 471 | 498 | 418 | 662 | 660 | 5,163 |
| Total..... | 4,018 | 3,428 | 1,802 | 1,189 | 459 | 534 | 231 | 1,324 | 3,161 | 3,675 | 2,637 | 3,331 | 25,759 |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| Cascade | 39 | 111 | 33 | ..... | ..... | 118 | 30 | 167 | 378 | 34 | 44 | 43 | 160 |
| Crow's Nest | 100 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 288 | 288 | 104 | 126 | 1,450 |
| Mountain Park ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 32 | ..... | ..... | 32 |
| Total..... | 139 | 111 | 33 | ..... | ..... | 118 | 30 | 167 | 378 | 349 | 148 | 169 | 1,642 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|
| Cascade | 33 | 32 | ..... | 31 | 34 | ..... | 33 | 43 | 33 | ..... | 80 | 33 | 352 |
| Crow's Nest | 180 | 146 | 95 | 36 | 34 | ..... | ..... | 84 | 276 | 30 | 48 | 180 | 1,110 |
| Mountain Park ..... | ..... | ..... | 33 | ..... | ..... | ..... | ..... | ..... | 48 | ..... | ..... | ..... | 81 |
| Total..... | 213 | 178 | 129 | 67 | 68 | ..... | 33 | 127 | 357 | 30 | 128 | 213 | 1,543 |

NUT COAL

| | | | | | | | | | | | | | |
|-------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|-----|
| Cascade | 35 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 116 | ..... | 46 | 197 |
| Crow's Nest | 48 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 101 | 63 | 78 | 355 |
| Total..... | 83 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 217 | 63 | 124 | 552 |

SLACK COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|-------|-------|
| Crow's Nest | 1,857 | 3,476 | 3,212 | ..... | ..... | ..... | ..... | 1,048 | 176 | 49 | 33 | 67 | 9,918 |
| Mountain Park ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49 | 1 | ..... | ..... | 50 |
| Total..... | 1,857 | 3,476 | 3,212 | ..... | ..... | ..... | ..... | 1,048 | 225 | 50 | 33 | 67 | 9,968 |

Total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

| | 166 | 200 | ..... | 65 | 197 | 62 | 100 | 303 | 327 | 302 | 67 | 1,789 |
|------------------|--------|--------|--------|--------|-------|-------|--------|--------|---------|--------|--------|---------|
| Ardley ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Castor | 166 | 200 | 636 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 190 | 223 |
| Camrose | 850 | 937 | 328 | ..... | ..... | ..... | 33 | 404 | ..... | 33 | 214 | 4,612 |
| Carbon | 978 | 1,061 | 589 | 72 | ..... | ..... | 342 | 352 | 1,338 | 372 | 1,650 | 8,158 |
| Drumheller | 65,523 | 66,177 | 34,053 | 7,590 | 3,395 | 2,439 | 18,315 | 51,275 | 109,003 | 1,731 | 57,600 | 485,970 |
| Edmonton | 1,322 | 1,643 | 450 | 670 | 392 | 117 | 461 | 692 | 2,724 | 1,089 | 1,011 | 10,776 |
| Lethbridge | 12,867 | 14,439 | 10,983 | 3,061 | 1,769 | 2,928 | 10,234 | 16,045 | 24,327 | 15,749 | 12,326 | 126,203 |
| Pembina | 130 | 73 | 18 | ..... | 32 | ..... | 32 | 206 | 1,174 | 701 | 236 | 2,396 |
| Redcliff | 240 | 208 | 68 | ..... | ..... | ..... | ..... | ..... | 202 | 822 | 891 | 2,637 |
| Sheerness ..... | ..... | 90 | 30 | ..... | ..... | ..... | ..... | ..... | 86 | 70 | ..... | 220 |
| Taber | 129 | 34 | 97 | ..... | ..... | ..... | ..... | ..... | 30 | 375 | 246 | 947 |
| Tofield | 1,148 | 300 | 95 | 907 | ..... | 74 | 104 | 293 | 2,737 | 1,564 | 241 | 7,463 |
| Total | 83,353 | 85,162 | 47,019 | 12,628 | 5,785 | 5,820 | 29,621 | 69,570 | 142,811 | 89,569 | 74,672 | 651,394 |

MINE-RUN COAL

| | 34 | ..... | 226 | 30 | 65 | 32 | 30 | 32 | 95 | 69 | ..... | 613 |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Camrose ..... | ..... | ..... | 1,559 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Drumheller | 829 | 1,119 | 229 | 810 | 134 | 113 | 158 | 249 | 1,358 | 1,227 | 655 | 8,311 |
| Edmonton | 644 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 873 |
| Lethbridge | 34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 34 |
| Pembina ..... | ..... | ..... | 43 | 153 | ..... | ..... | ..... | ..... | 527 | ..... | ..... | 936 |
| Redcliff | 564 | 594 | 427 | 212 | 82 | 334 | 198 | 254 | 530 | 603 | 213 | 5,091 |
| Sheerness | 716 | 302 | 129 | 90 | 30 | 30 | 120 | ..... | 218 | 443 | 366 | 2,444 |
| Tofield | 2,443 | 2,373 | 2,080 | 2,315 | 4,832 | 2,320 | 3,122 | 5,353 | 3,282 | 5,165 | 4,569 | 40,128 |
| Total | 5,234 | 4,388 | 4,693 | 3,580 | 2,675 | 2,829 | 3,628 | 5,888 | 6,010 | 7,507 | 6,855 | 58,430 |

NUT COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|---------|
| Ardley | 69 | ..... | 31 | ..... | 63 | ..... | ..... | 37 | 95 | 68 | 32 | ..... | 332 |
| Camrose | 779 | 685 | 360 | 334 | ..... | 132 | 68 | 33 | 280 | 280 | 248 | 364 | 3,626 |
| Carbon | 32 | 32 | 203 | 264 | ..... | ..... | ..... | 161 | 63 | 598 | 689 | 310 | 2,352 |
| Drumheller | 16,883 | 17,582 | 11,517 | 4,923 | 2,806 | 1,357 | 1,388 | 4,992 | 11,701 | 25,447 | 16,832 | 13,408 | 128,837 |
| Edmonton | 1,524 | 1,612 | 744 | 128 | 223 | 31 | ..... | 159 | 649 | 1,756 | 1,058 | 1,056 | 8,972 |
| Lethbridge | 2,224 | 2,764 | 2,018 | 468 | 238 | 483 | 306 | 1,862 | 2,864 | 4,251 | 3,181 | 2,252 | 22,911 |
| Pembina | 33 | 72 | 179 | 1,897 | ..... | ..... | ..... | ..... | 169 | 1,368 | 1,340 | 1,621 | 6,679 |
| Redcliff ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 92 | 119 | 68 | 908 | 1,127 |
| Sheerness | 94 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | ..... | 129 | 231 | ..... | 454 |
| Taber ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 75 | 165 | 165 | 63 | 501 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 66 | 31 | ..... | 97 |
| Total..... | 21,638 | 22,747 | 15,053 | 8,014 | 3,330 | 2,003 | 1,794 | 7,277 | 15,928 | 34,247 | 23,875 | 19,982 | 175,888 |

SLACK COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|---------|
| Ardley | 125 | 64 | ..... | 63 | ..... | 33 | 33 | 133 | 236 | 280 | ..... | ..... | 967 |
| Camrose | 330 | 193 | 290 | 358 | 302 | 264 | 99 | 164 | 52 | 149 | 193 | 260 | 2,684 |
| Carbon ..... | ..... | ..... | 170 | 110 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 273 | 553 |
| Drumheller | 14,321 | 15,488 | 9,338 | 3,259 | 1,723 | 1,480 | 758 | 2,860 | 9,849 | 17,662 | 13,710 | 14,026 | 104,808 |
| Edmonton ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 606 | ..... | ..... | ..... | 806 |
| Lethbridge | 2,099 | 2,347 | ..... | 47 | ..... | ..... | ..... | ..... | ..... | 34 | 67 | ..... | 4,594 |
| Pembina | 1,385 | 1,853 | 1,327 | 343 | 41 | 251 | ..... | ..... | 212 | 1,176 | 1,233 | 1,107 | 8,928 |
| Sheerness | 30 | ..... | 30 | 30 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 120 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30 | ..... | ..... | ..... | ..... | ..... | 30 |
| Total..... | 18,490 | 19,945 | 11,155 | 4,274 | 2,096 | 2,028 | 920 | 3,157 | 10,755 | 19,301 | 15,203 | 15,666 | 122,990 |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coalspur | 422 | 412 | 109 | 78 | ..... | ..... | ..... | 412 | 1,217 | 1,057 | 604 | 362 | 4,673 |
| Prairie Creek | 63 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | 195 | 347 | 162 | 100 | 898 |
| Saunders | 912 | 856 | 155 | ..... | ..... | ..... | 73 | 248 | 1,583 | 1,296 | 751 | 801 | 6,675 |
| Total | 1,397 | 1,299 | 261 | 78 | ..... | ..... | 73 | 660 | 2,995 | 2,700 | 1,517 | 1,263 | 12,246 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Coalspur ..... | ..... | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 95 | 300 | 426 |
| Pitcher ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 68 | ..... | ..... | 68 |
| Prairie Creek | 111 | 171 | ..... | ..... | ..... | ..... | ..... | ..... | 85 | 45 | 75 | 155 | 642 |
| Saunders | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30 |
| Total | 141 | 202 | ..... | ..... | ..... | ..... | ..... | ..... | 85 | 113 | 170 | 455 | 1,166 |

NUT COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-----|--------|
| Coalspur | 1,532 | 821 | 1,137 | 1,757 | 2,611 | 288 | ..... | 2,712 | 65 | 488 | 267 | 323 | 12,001 |
| Prairie Creek | 63 | 64 | ..... | ..... | ..... | ..... | ..... | ..... | 36 | 322 | 65 | 31 | 641 |
| Saunders | 314 | 359 | ..... | ..... | ..... | 98 | 79 | 249 | 677 | 1,101 | 790 | 408 | 4,075 |
| Total | 1,909 | 1,244 | 1,137 | 1,757 | 2,611 | 386 | 79 | 2,961 | 838 | 1,711 | 1,122 | 762 | 16,517 |

SLACK COAL

| | | | | | | | | | | | | | |
|----------------|-----|-------|-----|-------|-------|-------|-----|-----|-------|-------|-------|-----|-------|
| Coalspur | 285 | ..... | 233 | 227 | 473 | 63 | 122 | 164 | ..... | ..... | ..... | 53 | 1,620 |
| Saunders | 290 | 325 | 28 | ..... | ..... | ..... | 64 | 152 | 246 | 359 | 320 | 276 | 2,060 |
| Total | 575 | 325 | 261 | 227 | 473 | 63 | 186 | 316 | 246 | 359 | 320 | 329 | 3,680 |

Amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| Cascade | 75 | 69 | ..... | ..... | ..... | ..... | ..... | 35 | 34 | 69 | 71 | 69 | 422 |
| Crow's Nest | 1,015 | 442 | 385 | ..... | ..... | ..... | ..... | 94 | 646 | 578 | 397 | 318 | 3,875 |
| Mountain Park ..... | ..... | 185 | 221 | 33 | ..... | ..... | ..... | ..... | 145 | 84 | 34 | 97 | 799 |
| Total..... | 1,090 | 696 | 606 | 33 | ..... | ..... | ..... | 129 | 825 | 731 | 502 | 484 | 5,096 |

MINE-RUN COAL

| | | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|-------|--------|-----|
| Cascade | 34 | 3,812 | 2,776 | 290 | 160 | 79 | 722 | 868 | 2,417 | 2,980 | 2,865 | 3,551 | 34 | 102 |
| Crow's Nest | 3,847 | 216 | 168 | 34 | 115 | 67 | 101 | 101 | 117 | 265 | 181 | 181 | 24,367 | |
| Mountain Park | 407 | 57 | | | | | 41 | | | | | | 1,953 | |
| Nordegg | | | | | | | | | | | | | | 98 |
| Total..... | 4,288 | 4,085 | 2,944 | 324 | 275 | 146 | 864 | 969 | 2,534 | 3,279 | 3,046 | 3,766 | 26,520 | |

NUT COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cascade ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 85 |
| Crow's Nest | 144 | 47 | 48 | ..... | ..... | ..... | ..... | ..... | 264 | 206 | 101 | 66 | 876 |
| Mountain Park ..... | ..... | 34 | ..... | ..... | ..... | ..... | ..... | ..... | 34 | ..... | ..... | ..... | 68 |
| Total..... | 144 | 81 | 48 | ..... | ..... | ..... | ..... | ..... | 298 | 206 | 101 | 151 | 1,029 |

SLACK COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Cascade ..... | ..... | ..... | ..... | 34 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 64 |
| Crow's Nest | 1,624 | 2,003 | 1,262 | 2,315 | 1,474 | 1,758 | 1,254 | 227 | 1,766 | 1,706 | 1,905 | 3,158 | 20,452 |
| Mountain Park | 96 | 34 | 230 | 67 | 68 | 33 | 35 | 69 | 101 | 170 | 181 | 415 | 1,499 |
| Nordegg ..... | ..... | 57 | ..... | ..... | 34 | 45 | 99 | ..... | ..... | 58 | 118 | ..... | 411 |
| Total..... | 1,720 | 2,094 | 1,492 | 2,416 | 1,606 | 1,836 | 1,388 | 296 | 1,867 | 1,934 | 2,204 | 3,573 | 22,426 |

Amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

| | | | | | | | | | | |
|------------------|--------|--------|--------|-------|-------|--------|-------|--------|--------|---------|
| Ardley | 34 | 98 | 64 | 81 | 31 | 33 | 33 | 74 | 31 | 67 |
| Camrose | 67 | 609 | 272 | ..... | 37 | 266 | 64 | 566 | 449 | 577 |
| Carbon | 781 | 22,744 | 13,702 | 751 | 503 | 12,540 | 266 | 30,963 | 21,464 | 4,206 |
| Drumheller | 25,243 | 316 | 228 | 1,043 | 31 | 73 | 3360 | 335 | 89 | 162,009 |
| Edmonton | 305 | 1,700 | 264 | 713 | 283 | 1,649 | 31 | 2,941 | 2,323 | 2,273 |
| Lethbridge | 1,669 | 202 | 105 | ..... | ..... | 228 | 31 | 329 | 200 | 16,224 |
| Pembina | 201 | ..... | ..... | ..... | ..... | ..... | ..... | 35 | 69 | 1,624 |
| Redcliff | 35 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 31 | 135 |
| Taber | 180 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 180 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 64 |
| Total | 28,515 | 25,669 | 14,635 | 1,464 | 2,505 | 854 | 4,060 | 35,168 | 31,972 | 187,363 |

MINE-RUN COAL

| | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Drumheller | 34 | ..... | ..... | ..... | ..... | 156 | 32 | ..... | ..... | 188 |
| Lethbridge | 2,836 | 2,772 | 3,548 | 1,843 | 1,676 | 1,648 | 1,450 | 2,006 | 2,383 | 34 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 27,693 |
| Total | 2,870 | 2,772 | 3,548 | 1,843 | 1,676 | 1,648 | 1,606 | 2,038 | 2,383 | 27,915 |

NUT COAL

| | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Carbon | 842 | 1,152 | 975 | 459 | ..... | 139 | 316 | 963 | 798 | 848 | 6,492 |
| Drumheller | 3,746 | 5,246 | 3,189 | 336 | 347 | 235 | 2,702 | 5,927 | 4,558 | 3,846 | 31,409 |
| Edmonton | 62 | 65 | 30 | 31 | ..... | ..... | ..... | ..... | 484 | 69 | 741 |
| Lethbridge | 131 | 167 | 41 | ..... | 32 | 45 | 66 | 372 | 200 | 165 | 1,318 |
| Pembina | 608 | 565 | 416 | 207 | 70 | 32 | 430 | 756 | 616 | 446 | 4,146 |
| Total | 5,389 | 7,195 | 4,651 | 1,633 | 449 | 267 | 3,514 | 8,018 | 6,656 | 5,374 | 44,106 |

SLACK COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Carbon ..... | ..... | 360 | 478 | ..... | ..... | ..... | ..... | ..... | 133 | ..... | ..... | 339 | 1,310 |
| Drumheller | 4,272 | 3,108 | 829 | 66 | ..... | ..... | 50 | 139 | 944 | 2,881 | 2,654 | 2,209 | 17,152 |
| Edmonton ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 266 | ..... | ..... | ..... | 266 |
| Lethbridge ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 45 | 407 | ..... | 452 |
| Total..... | 4,272 | 3,468 | 1,307 | 66 | ..... | ..... | 50 | 139 | 1,343 | 2,926 | 3,061 | 2,548 | 19,180 |

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|--------|
| Coalspur | 3,278 | 2,860 | 886 | ..... | ..... | 45 | 485 | 1,234 | 2,372 | 3,296 | 3,253 | 3,410 | 21,119 |
| Prairie Creek | 462 | 410 | 98 | ..... | ..... | ..... | 62 | ..... | 205 | 195 | 427 | 282 | 2,141 |
| Saunders | 301 | 473 | ..... | 30 | ..... | ..... | 40 | 310 | 1,111 | 920 | 842 | 503 | 4,530 |
| Total..... | 4,041 | 3,743 | 984 | 30 | ..... | 45 | 587 | 1,544 | 3,688 | 4,411 | 4,522 | 4,195 | 27,790 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Coalspur ..... | ..... | 40 | ..... | ..... | 56 | ..... | ..... | ..... | 43 | ..... | ..... | ..... | 139 |
| Prairie Creek | 96 | 74 | 94 | 33 | ..... | ..... | ..... | ..... | ..... | 29 | ..... | 88 | 414 |
| Total..... | 96 | 114 | 94 | 33 | 56 | ..... | ..... | ..... | 43 | 29 | ..... | 88 | 553 |

NUT COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coalspur | 2,637 | 2,428 | 2,976 | 994 | 412 | 506 | 577 | 675 | 1,084 | 1,078 | 1,540 | 2,345 | 17,252 |
| Prairie Creek | 31 | 95 | 30 | ..... | ..... | ..... | ..... | ..... | 97 | 32 | 135 | 31 | 451 |
| Saunders | 96 | 135 | 90 | 28 | ..... | ..... | 34 | 571 | 93 | 531 | 478 | 297 | 2,353 |
| Total..... | 2,764 | 2,658 | 3,096 | 1,022 | 412 | 506 | 611 | 1,246 | 1,274 | 1,641 | 2,153 | 2,673 | 20,056 |

SLACK COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coalspur | 1,220 | 1,205 | 723 | 201 | 42 | 85 | 350 | 208 | 561 | 737 | 1,018 | 1,342 | 7,692 |
| Prairie Creek | 528 | 676 | 130 | ..... | ..... | ..... | ..... | ..... | 1,202 | 1,138 | 948 | 1,029 | 5,651 |
| Saunders | 74 | 130 | ..... | 24 | ..... | ..... | 32 | ..... | 319 | 214 | 284 | 136 | 1,213 |
| Total..... | 1,822 | 2,011 | 853 | 225 | 42 | 85 | 382 | 208 | 2,082 | 2,089 | 2,250 | 2,507 | 14,556 |

Amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|-------|
| Cascade ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 34 | ..... | 32 | 66 |
| Crow's Nest | 160 | 129 | 46 | ..... | ..... | ..... | 191 | 31 | 34 | 68 | 114 | 34 | 807 |
| Mountain Park ..... | ..... | ..... | 34 | 31 | 41 | 34 | 40 | 34 | 182 | 268 | 236 | 175 | 1,075 |
| Total..... | 160 | 129 | 80 | 31 | 41 | 34 | 231 | 65 | 216 | 370 | 350 | 241 | 1,948 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Cascade ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47 | ..... | ..... | ..... | ..... | 47 |
| Crow's Nest | 1,062 | 953 | 304 | 49 | 44 | 89 | 75 | 181 | 690 | 568 | 854 | 1,004 | 5,873 |
| Mountain Park | 1,866 | 1,983 | 1,267 | 642 | 852 | 34 | 81 | ..... | 287 | 989 | 965 | 986 | 9,952 |
| Nordegg | 134 | 34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 168 |
| Total..... | 3,062 | 2,970 | 1,571 | 691 | 896 | 123 | 156 | 228 | 977 | 1,557 | 1,819 | 1,990 | 16,040 |

NUT COAL

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cascade | 213 | 250 | 131 | ..... | ..... | ..... | ..... | ..... | 68 | 177 | 234 | 328 | 1,401 |
| Crow's Nest | 34 | 47 | ..... | ..... | ..... | ..... | ..... | ..... | 34 | ..... | 36 | ..... | 104 |
| Mountain Park ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47 |
| Total..... | 247 | 297 | 131 | ..... | ..... | ..... | ..... | ..... | 102 | 177 | 270 | 328 | 1,552 |

SLACK COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------|
| Cascade | 168 | 369 | 150 | ..... | ..... | 92 | ..... | ..... | 68 | 226 | 496 | 289 | 1,858 |
| Crow's Nest | 4,440 | 6,175 | 2,173 | 35 | ..... | 565 | 646 | 529 | 1,691 | 2,699 | 7,938 | 9,609 | 36,582 |
| Mountain Park | 9,684 | 7,843 | 7,044 | 7,510 | 7,601 | 6,733 | 4,186 | 5,695 | 8,001 | 11,122 | 10,791 | 9,764 | 95,774 |
| Nordegz | 332 | 331 | 463 | ..... | ..... | ..... | 30 | ..... | 34 | ..... | 48 | 310 | 1,548 |
| Total..... | 14,624 | 14,718 | 9,830 | 7,345 | 7,633 | 7,390 | 4,862 | 6,224 | 9,794 | 14,047 | 19,273 | 19,972 | 135,712 |

Amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Drumheller | 1,166 | 1,691 | 321 | 201 | ..... | 97 | 147 | 481 | 826 | 2,644 | 1,651 | 1,530 | 10,755 |
| Edmonton ..... | ..... | 74 | 33 | ..... | 39 | ..... | ..... | ..... | ..... | 18 | ..... | 63 | 120 |
| Lethbridge | 95 | ..... | ..... | ..... | 87 | 78 | ..... | 97 | 121 | 81 | 141 | 156 | 963 |
| Total..... | 1,261 | 1,765 | 354 | 201 | 126 | 175 | 147 | 578 | 947 | 2,743 | 1,792 | 1,749 | 11,838 |

NUT COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Carbon ..... | ..... | ..... | 63 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 70 | 133 |
| Drumheller | 352 | 275 | 129 | ..... | 31 | ..... | 64 | 67 | 176 | 295 | 370 | 857 | 2,116 |
| Lethbridge | 32 | ..... | 66 | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 33 | ..... | 163 |
| Pembina | 33 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 65 | 33 | 63 | 227 |
| Edmonton ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18 | ..... | ..... | 18 |
| Total..... | 417 | 307 | 258 | ..... | 31 | ..... | 64 | 67 | 176 | 411 | 436 | 490 | 2,657 |

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

| | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|
| Coalspur | 532 | 524 | 45 | 66 | ..... | ..... | 144 | 306 | 312 | 233 | 239 | 2,451 |
| Prairie Creek ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 103 | ..... | ..... | 135 |
| Saunders | 308 | 493 | 94 | ..... | 30 | 170 | 38 | 447 | 371 | 352 | 200 | 2,503 |
| Total..... | 840 | 1,017 | 139 | 66 | 30 | 170 | 182 | 785 | 786 | 635 | 439 | 5,089 |

MINE-RUN COAL

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|----|
| Saunders | | | | | | | | | 41 | | | 41 |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|----|

SLACK COAL

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|----|
| Saunders | | | | | | | | | | 38 | | 38 |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|----|

NUT COAL

| | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Coalspur ..... | ..... | 32 | ..... | ..... | ..... | ..... | 33 | 51 | 69 | 97 | ..... | 282 |
| Prairie Creek | 32 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 |
| Saunders ..... | ..... | 67 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 33 | 94 | 227 |
| Total..... | 32 | 99 | ..... | ..... | ..... | ..... | 33 | 51 | 102 | 130 | 94 | 541 |

Amount of Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

| | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|----|-----|
| Mountain Park | | | | | | | | | 34 | 103 | 34 | 171 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|----|-----|

MINE-RUN COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| Mountain Park | | | | | | | | | | 47 | 33 | 82 | 162 |

NUT COAL

| | | | | | | | | | | | | | |
|-------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Crow's Nest | 46 | | | | | | | | | | | | 46 |
|-------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Quebec:

LUMP COAL

| | | | | | | | | | | | | | |
|----------------|-------|----|-------|-------|-------|-------|-------|-------|----|----|----|-------|-----|
| Saunders | | 33 | | | | | | | 33 | 34 | 35 | | 135 |
|----------------|-------|----|-------|-------|-------|-------|-------|-------|----|----|----|-------|-----|

Amount of Domestic Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

| | | | | | | | | | | | | | |
|------------------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Drumheller | 537 | 299 | 35 | 35 | ..... | ..... | ..... | 35 | 68 | 243 | 133 | 339 | 1,724 |
| Lethbridge | 958 | 1,055 | 574 | 38 | ..... | ..... | 424 | 462 | 592 | 592 | 770 | 1,572 | 6,545 |
| Taber ..... | ..... | ..... | 52 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 |
| Total..... | 1,495 | 1,394 | 641 | 133 | ..... | ..... | 459 | 530 | 835 | 835 | 903 | 1,911 | 8,301 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Lethbridge | 95 | ..... | ..... | ..... | ..... | ..... | ..... | 414 | ..... | ..... | ..... | ..... | 95 |
| Fernbina ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 414 |
| Total..... | 95 | ..... | ..... | ..... | ..... | ..... | ..... | 414 | ..... | ..... | ..... | ..... | 509 |

NUT COAL

[illegible]

SLACK COAL

| | | | | | | | | | | |
|------------------|-----|-----|----|-------|-------|-------|-------|-------|-------|-----|
| Drumheller | 168 | 164 | 48 | ..... | ..... | ..... | 43 | ..... | 47 | 438 |
| Lethbridge ..... |  |  |  | ..... | ..... | ..... | ..... | ..... | ..... | 47 |
| Total..... | 168 | 164 | 48 | ..... | ..... | ..... | 43 | ..... | 47 | 470 |

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in the United States:

MINE-RUN COAL

[illegible]

SLACK COAL

[illegible]

Amount of Bituminous Coal disposed of by areas during each month for consumption in the United States:

LUMP COAL

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| Crow's Nest | 93 | 95 | ..... | ..... | ..... | ..... | ..... | ..... | 127 | 67 | 128 | 97 | 607 |

MINE-RUN COAL

| | | | | | | | | | | | | | |
|-------------------|-------|----|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|
| Crow's Nest | | 82 | | | | | | | | | 30 | 49 | 161 |
|-------------------|-------|----|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|

NUT COAL

| | | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|----|
| Crow's Nest | | | | | | | | | | 48 | | | 48 |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------|-------|----|

SLACK COAL

| | | | | | | | | | | | | | |
|-------------------|-----|-------|-----|----|-------|-------|----|----|-----|-----|-----|-----|-------|
| Crow's Nest | 973 | 1,613 | 450 | 74 | | | 44 | 51 | 191 | 105 | 623 | 824 | 5,038 |
|-------------------|-----|-------|-----|----|-------|-------|----|----|-----|-----|-----|-----|-------|

Amount of Domestic Coal used under Colliery Boilers by areas during each month:

| | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ardley | 45 | 38 | 22 | 20 | 22 | 20 | 20 | 45 | 40 | 61 | 90 | 95 | 518 |
| Brooks ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 16 | ..... | ..... | ..... | 518 |
| Camrose | 64 | 68 | 56 | 47 | 43 | 43 | 35 | 39 | 47 | 56 | 52 | 52 | 26 |
| Carbon | 110 | 110 | 75 | 45 | 15 | 10 | 10 | 20 | 58 | 30 | 46 | 32 | 602 |
| Castor | 20 | 24 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 22 | 44 | 45 | 553 |
| Drumheller | 1,700 | 1,845 | 1,485 | 913 | 620 | 510 | 535 | 865 | 1,660 | 2,166 | 2,090 | 2,110 | 175 |
| Edmonton | 1,142 | 1,146 | 841 | 708 | 621 | 456 | 300 | 311 | 651 | 848 | 1,144 | 1,614 | 16,439 |
| Lethbridge | 3,688 | 3,313 | 3,755 | 2,529 | 2,450 | 2,353 | 2,295 | 3,122 | 3,105 | 3,731 | 3,218 | 3,171 | 9,782 |
| Magrath ..... | ..... | ..... | ..... | 8 | 7 | ..... | ..... | ..... | ..... | ..... | 6 | ..... | 36,733 |
| Pembina | 976 | 855 | 1,033 | 911 | 240 | 65 | 60 | 358 | 561 | 837 | 857 | 845 | 28 |
| Sheerness | 190 | 182 | 168 | 105 | 127 | 96 | 95 | 128 | 135 | 195 | 182 | 148 | 7,618 |
| Taber | 16 | ..... | 22 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,751 |
| Tofield | 150 | 156 | 150 | 350 | 350 | 350 | 350 | 350 | 150 | 150 | 150 | 150 | 39 |
| Redcliff ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 85 | ..... | 2,800 |
| Total | 8,101 | 7,731 | 7,627 | 5,637 | 4,495 | 3,903 | 3,706 | 5,247 | 6,433 | 8,056 | 7,952 | 8,266 | 77,148 |

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coalspur | 2,335 | 2,182 | 2,240 | 1,032 | 1,615 | 1,463 | 1,114 | 1,022 | 1,549 | 2,023 | 2,135 | 2,291 | 21,901 |
| Prairie Creek | 215 | 222 | 187 | 82 | 81 | 81 | 183 | 77 | 230 | 320 | 326 | 343 | 2,347 |
| Fincher | | | | | | 9 | 2 | 4 | | | | | 8 |
| Saunders | 426 | 478 | 224 | 107 | 97 | 135 | 172 | 383 | 436 | 584 | 525 | 455 | 4,022 |
| Total..... | 2,976 | 2,882 | 2,651 | 2,121 | 1,793 | 1,681 | 1,471 | 1,486 | 2,215 | 2,927 | 2,986 | 3,089 | 28,278 |

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

| | | | | | | | | | | | | | |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Cascade | 1,411 | 1,538 | 1,543 | 1,116 | 1,202 | 1,690 | 1,501 | 1,507 | 1,192 | 1,367 | 1,397 | 1,558 | 17,042 |
| Crow's Nest | 2,809 | 2,898 | 2,079 | 1,531 | 1,481 | 1,919 | 1,391 | 1,464 | 1,776 | 1,615 | 1,660 | 2,390 | 23,066 |
| Mountain Park | 2,448 | 2,063 | 2,548 | 2,213 | 2,017 | 1,974 | 2,096 | 2,106 | 2,531 | 2,394 | 2,629 | 2,238 | 26,777 |
| Noidege | 777 | 792 | 882 | 668 | 430 | 395 | 401 | 420 | 432 | 591 | 620 | 818 | 7,286 |
| Total..... | 7,445 | 7,281 | 7,052 | 5,611 | 5,190 | 5,978 | 5,389 | 5,497 | 5,451 | 5,967 | 6,306 | 7,004 | 74,171 |
| Grand Total..... | 18,522 | 17,894 | 17,330 | 13,369 | 11,478 | 11,562 | 10,560 | 12,230 | 14,099 | 16,950 | 17,244 | 18,359 | 179,897 |

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

| | | | | | | | | | | | | | |
|------------------|-----|-----|-----|-----|---|----|----|----|----|----|----|-----|-------|
| Lethbridge | 24 | 36 | 20 | | 2 | | | 15 | 18 | 21 | 12 | 13 | 161 |
| Pembina | 65 | 60 | 35 | 65 | | | | 20 | 20 | 30 | 40 | 40 | 375 |
| Redcliff | 108 | 96 | 45 | 41 | 1 | 22 | 12 | 15 | 52 | | | 192 | 590 |
| Total..... | 197 | 192 | 100 | 109 | 6 | 22 | 12 | 50 | 90 | 51 | 52 | 245 | 1,126 |

Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

| | | | | | | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Coalspur | 610 | 510 | 535 | 510 | 435 | 245 | 180 | 195 | 215 | 430 | 455 | 456 | 4,776 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|

Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-------------------|------|------|------|-------|-----|------|------|------|-------|------|------|------|-------|
| Cascade | 21 | 36 | 33 | 30 | 33 | 54 | 36 | 36 | 33 | 27 | 21 | 30 | 390 |
| Crow's Nest | 40 | 67 | 82 | 87 | 90 | 87 | 73 | 45 | 50 | 30 | 35 | 45 | 731 |
| Total..... | 61 | 103 | 115 | 117 | 123 | 141 | 109 | 81 | 83 | 57 | 56 | 75 | 1,121 |

Amount of Bituminous Coal used making Briquettes:

| | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-----|-----|-------|-----|-----|-----|-------|-------|-------|--------|
| Cascade | 1,714 | 1,631 | 1,360 | 103 | 201 | 1,199 | 454 | 851 | 973 | 1,202 | 1,223 | 1,718 | 12,629 |
|---------------|-------|-------|-------|-----|-----|-------|-----|-----|-----|-------|-------|-------|--------|

Amount of Domestic Coal Put to Stock by areas during each month:

| | | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ardley ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | 160 | 180 | 345 |
| Castor | 110 | 80 | 74 | 50 | 50 | 70 | 80 | 85 | 98 | 25 | ..... | 45 | ..... | 35 |
| Drumheller | 2,347 | 1,701 | 1,249 | 297 | 106 | 290 | 511 | 211 | 1,290 | 2,235 | ..... | 1,281 | 1,060 | 4,037 |
| Lethbridge | 245 | 265 | 225 | 179 | ..... | ..... | ..... | 280 | 445 | 2,533 | ..... | 560 | 1,295 | 13,111 |
| Pembina ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40 | ..... | 17 | ..... | ..... | 42 | 2,258 |
| Pakowki ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30 | 25 | ..... | ..... | ..... | 65 |
| Edmonton ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 308 | 140 | 10 | ..... | 488 |
| Total..... | 2,702 | 2,046 | 1,548 | 536 | 156 | 360 | 596 | 616 | 1,863 | 5,143 | 2,186 | 2,587 | ..... | 20,339 |

Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

| | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Coalspur | 160 | 160 | 180 | ..... | ..... | ..... | ..... | ..... | 50 | 55 | 100 | 676 | 1,381 |
| Pekisko | 18 | ..... | ..... | ..... | ..... | ..... | ..... | 10 | ..... | 3 | ..... | 5 | 36 |
| Pincher ..... | ..... | 7 | 8 | 7 | ..... | 3 | 2 | 37 | 95 | ..... | 40 | 10 | 209 |
| Saunders ..... | ..... | ..... | ..... | ..... | 94 | 32 | ..... | ..... | 23 | ..... | ..... | ..... | 149 |
| Total..... | 178 | 167 | 188 | 7 | 94 | 35 | 2 | 47 | 168 | 58 | 140 | 691 | 1,775 |

Amount of Bituminous Coal Put to Stock by areas during each month:

| | | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-----|-------|-------|--------|
| Cascade | 210 | 160 | 204 | 120 | 211 | 65 | 50 | 195 | 278 | 344 | 300 | 477 | 2,614 |
| Crow's Nest | 716 | 3,034 | ..... | ..... | 3,589 | 193 | 5,158 | 115 | ..... | 382 | 890 | 1,657 | 15,734 |
| Nordegg | 280 | 486 | ..... | 1,792 | 489 | 308 | 45 | ..... | ..... | 15 | 238 | ..... | 3,653 |
| Total | 1,206 | 3,680 | 204 | 1,912 | 4,289 | 566 | 5,253 | 310 | 278 | 741 | 1,428 | 2,134 | 22,001 |

Amount of Bituminous Coal used in making Coke:

| | | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-------|-------|
| Crow's Nest | | | | | | | | 514 | 600 | 608 | 603 | 2,266 | 4,591 |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-------|-------|

Amount of Domestic Coal Put to Waste by areas during each month:

| | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ardley | 80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 94 |
| Big Valley | 103 | 124 | 53 | 20 | 25 | 2 | 1 | 5 | 14 | 1 | 10 | 3 | 3 |
| Camrose | 188 | 122 | 80 | ..... | ..... | ..... | ..... | ..... | 360 | 470 | 33 | 75 | 485 |
| Carbon | 332 | 295 | 146 | 72 | 80 | 84 | 155 | 151 | 176 | 767 | 400 | 166 | 1,769 |
| Castor | 112 | 254 | 125 | 38 | 31 | 32 | 18 | 31 | 73 | 179 | 1,196 | 354 | 3,808 |
| Champion | 20 | 26 | 20 | 9 | 13 | 11 | 9 | 19 | 46 | 45 | 300 | 345 | 1,538 |
| Drumheller | 10 | 35 | 18 | ..... | 6 | ..... | ..... | ..... | ..... | ..... | 111 | 113 | 442 |
| Edmonton | 410 | 375 | 273 | ..... | 10 | ..... | ..... | ..... | 323 | 537 | 226 | 703 | 2,993 |
| Halcourt | 64 | 26 | 15 | 6 | 1 | ..... | 5 | 2 | ..... | 3 | 362 | 15 | 157 |
| Lethbridge | 654 | 664 | 495 | 67 | 109 | 77 | 129 | 458 | 688 | 932 | 566 | 542 | 5,381 |
| Magrath ..... | ..... | 2 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20 | ..... | 22 |
| Milk River | 1 | 4 | ..... | 2 | 1 | 3 | 2 | 5 | 10 | 24 | 25 | 5 | 86 |
| Pakowki | 10 | 15 | 25 | ..... | ..... | ..... | 2 | ..... | 12 | 70 | 103 | 62 | 201 |
| Pembina | 460 | 440 | 150 | 360 | 2 | ..... | 2 | 215 | 235 | 445 | 650 | 560 | 3,515 |
| Redcliff ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 43 | 43 |
| Sheerness | 113 | 92 | 123 | 16 | 12 | 5 | 12 | 11 | 61 | 173 | 434 | 139 | 1,191 |
| Steeville | 10 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 22 |
| Taber | 162 | 151 | 159 | 60 | 43 | 40 | 28 | 65 | 187 | 499 | 422 | 207 | 1,933 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10 | 21 | ..... | 31 |
| Total | 2,629 | 2,728 | 1,688 | 650 | 323 | 254 | 361 | 962 | 2,185 | 4,085 | 4,599 | 3,332 | 24,106 |

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Coalspur | 5,189 | 6,538 | 7,874 | 7,482 | 7,280 | 4,488 | 1,514 | 5,698 | 7,422 | 10,875 | 12,104 | 15,714 | 92,178 |
| Pekisko | 131 | 134 | 15 | 10 | 57 | 26 | 15 | 4 | ..... | 10 | 30 | 30 | 462 |
| Pincher | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20 | 30 | 20 | 75 |
| Total..... | 5,325 | 6,672 | 7,889 | 7,492 | 7,337 | 4,514 | 1,529 | 5,702 | 7,422 | 10,905 | 12,164 | 15,764 | 92,715 |

Amount of Bituminous Coal Put to Waste by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-------------------|------|-------|-------|-------|-----|-------|-------|-------|-------|------|-------|-------|--------|
| Cascade | 10 | 10 | 10 | 5 | 3 | 3 | 3 | 3 | 10 | 10 | 10 | 10 | 87 |
| Crow's Nest | 658 | 1,006 | 1,219 | ..... | 421 | 2,466 | 1,737 | 1,280 | 1,263 | 724 | 1,005 | 1,841 | 13,620 |
| Total..... | 668 | 1,016 | 1,229 | 5 | 424 | 2,469 | 1,740 | 1,283 | 1,273 | 734 | 1,015 | 1,851 | 13,707 |

Amount of Domestic Coal Lifted from Stock by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ardley ..... | ..... | ..... | 30 | 154 | 237 | 96 | 32 | 8 | ..... | ..... | ..... | ..... | 30 |
| Camrose | 176 | ..... | ..... | 74 | 133 | 50 | 70 | 80 | 85 | 98 | 135 | 45 | 527 |
| Carbon | 140 | 110 | 80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 176 |
| Drumheller ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,100 |
| Edmonton | 1,551 | 1,847 | 1,101 | 1,953 | 1,199 | 506 | 1,175 | 922 | 213 | 706 | 1,302 | 919 | 13,394 |
| Lethbridge ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 65 |
| Pakowki | 290 | 245 | 265 | 225 | 178 | 1 | ..... | ..... | 280 | 445 | 17 | 560 | 2,506 |
| Pembina ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 2,157 | 2,202 | 1,476 | 2,406 | 1,747 | 653 | 1,277 | 1,010 | 578 | 1,314 | 1,529 | 1,524 | 17,873 |

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

[illegible]

Amount of Bituminous Coal Lifted from Stock by areas during each month:

[illegible]

Amount of Domestic Coal Lifted from Waste by areas during each month:

[illegible]

OUTPUT AND NUMBER OF MINES PRODUCING

| Kind of Coal | Permits Issued to Farmers who mined Coal | | Under 1,000 tons | | From 1,000 to 5,000 | | From 5,000 to 10,000 | | From 10,000 to 50,000 | | From 50,000 to 100,000 | | From 100,000 to 150,000 | | From 150,000 to 200,000 | | Total | | | |
|----------------------|--|--------|------------------|--------|---------------------|---------|----------------------|--------|-----------------------|---------|------------------------|-----------|-------------------------|---------|-------------------------|-----------|-------|---------|-----------|-----------|
| | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | | |
| | | | | | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | | | | |
| Domestic | 187 | 2,046 | 150 | 64,954 | 64 | 148,793 | 8 | 55,042 | 27 | 601,412 | 18 | 1,270,422 | 1 | 110,034 | 2 | 324,128 | ..... | 270 | 2,576,831 | |
| Sub-Bituminous ..... | ..... | ..... | 10 | 3,307 | 1 | 1,012 | ..... | ..... | 8 | 216,394 | 3 | ..... | ..... | 2 | 338,266 | ..... | 21 | 559,479 | ..... |  |
| Bituminous ..... | ..... | ..... | 4 | 2,124 | 1 | 2,675 | ..... | ..... | ..... | ..... | ..... | 251,826 | 3 | 425,546 | 4 | 714,053 | 1 | 337,496 | 16 | 1,733,720 |
| Total..... | 187 | 2,046 | 164 | 70,385 | 66 | 152,480 | 8 | 55,042 | 35 | 818,306 | 21 | 1,522,248 | 4 | 535,580 | 8 | 1,376,447 | 1 | 337,496 | 307 | 4,870,030 |

Men employed in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS COAL Fields as at December 31, 1932:

| Kind of Coal | BELOW GROUND | | | | | | | | | | | | ABOVE GROUND | | | | | | | | | | | | Total Above and Below Ground | |
|----------------|--------------|--------------|---------------------------|-----------------|---------------|------------|----------------------|-----------|-----------------------|------------|-----------|---------|-----------------|-------------------|----------------|--------------------|-----------------------|-----------|---------|------------|-----------------------|-----------------|-----------------|---------------------|------------------------------|--------------------|
| | Officials | Hand Cutters | Machine Cutters & Helpers | Machine Loaders | Chute Loaders | Horse H'rs | Mechanical Employees | H'rs Emps | Ventilation Employees | Roadmakers | Timbermen | Pumpmen | Other Employees | Total Underground | Administration | Foremen and Clerks | Screenmen and Loaders | Enginemen | Firemen | Machinists | Carpenters and Masons | Other Mechanics | Surface Haulage | All other Employees | | Total Above Ground |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Domestic | 324 | 828 | 497 | 2,503 | ... | 469 | 146 | 36 | 128 | 132 | 22 | 156 | 5,241 | 70 | 119 | 530 | 94 | 39 | 30 | 24 | 41 | 38 | 298 | 1,283 | 6,524 | |
| Sub-Bituminous | 32 | 242 | 24 | 64 | 14 | 24 | 12 | 5 | 5 | 18 | 2 | 16 | 458 | 20 | 20 | 102 | 40 | 28 | 7 | 5 | 8 | 17 | 145 | 392 | 856 | |
| Bituminous | 104 | 1,170 | ... | ... | 120 | 106 | 169 | 26 | 49 | 132 | 21 | 229 | 2,126 | 24 | 84 | 235 | 49 | 52 | 29 | 21 | 31 | 36 | 235 | 796 | 2,922 | |
| Total | 460 | 2,240 | 521 | 2,567 | 134 | 599 | 327 | 67 | 182 | 282 | 45 | 401 | 7,825 | 114 | 223 | 867 | 183 | 119 | 66 | 50 | 80 | 91 | 678 | 2,471 | 10,296 | |

Number of men employed in the DOMESTIC FIELD as at December 31, 1932:

| Areas | BELOW GROUND | | | | | | | | | | Total Underground | ABOVE GROUND | | | | | | | | | | Total Above and Below Ground | | |
|------------------|--------------|--------------|---------------------------|-----------------|----------------------|-----------------------|-----------------------|------------|-----------|---------|-------------------|-----------------|----------------|--------------------|-----------------------|-----------|---------|------------|-----------------------|-----------------|-----------------|------------------------------|---------------------|--------------------|
| | Officials | Hand Cutters | Machine Cutters & Helpers | Machine Loaders | Horse H'ge Employees | Mechanical H'ge Emp's | Ventilation Employees | Roadmakers | Timbermen | Pumpmen | | Other Employees | Administration | Foremen and Clerks | Screenmen and Loaders | Enginemen | Firemen | Machinists | Carpenters and Masons | Other Mechanics | Surface Haulage | | All Other Employees | Total Above Ground |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Ardley | 11 | 34 | 4 | 2 | 2 | ... | ... | 1 | ... | ... | ... | 54 | 3 | 1 | 3 | 2 | ... | ... | ... | 1 | 1 | 5 | 16 | 70 |
| Big Valley | 4 | 6 | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | 14 | 1 | 1 | 43 | ... | ... | ... | ... | ... | 1 | ... | 45 | 59 |
| Brooks | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 6 |
| Camrose | 4 | 53 | ... | ... | 5 | ... | ... | 4 | ... | ... | 2 | 68 | 4 | 1 | 7 | 2 | ... | ... | ... | 2 | 3 | ... | 19 | 87 |
| Carbon | 16 | 19 | 16 | 114 | 15 | 2 | ... | 1 | ... | ... | 1 | 186 | 3 | 2 | 17 | 1 | ... | 1 | ... | 1 | 3 | 11 | 38 | 224 |
| Castor | 33 | 78 | 2 | 3 | 1 | 1 | ... | 1 | ... | ... | 1 | 119 | 3 | ... | 3 | 4 | 1 | ... | ... | ... | 3 | ... | 14 | 133 |
| Champion | 9 | 57 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 68 | 1 | ... | 1 | 2 | ... | ... | ... | 2 | ... | ... | 7 | 75 |
| Drumheller | 96 | 58 | 220 | 1,571 | 264 | 60 | 14 | 83 | 41 | 6 | 77 | 2,490 | 27 | 58 | 219 | 21 | 14 | 11 | 7 | 21 | 8 | 93 | 479 | 2,969 |
| Edmonton | 50 | 338 | 44 | 298 | 53 | 9 | 3 | 23 | 41 | 8 | 59 | 926 | 11 | 21 | 54 | 27 | 8 | 3 | 10 | 6 | 3 | 41 | 184 | 1,110 |
| Gleichen | 4 | 8 | 2 | 5 | ... | ... | ... | ... | ... | ... | ... | 20 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 21 |
| Halcourt | 7 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 |
| Lethbridge | 46 | 65 | 168 | 440 | 113 | 60 | 18 | 12 | 48 | 8 | 10 | 988 | 4 | 22 | 105 | 25 | 13 | 13 | 6 | 9 | 7 | 80 | 284 | 1,272 |
| Magrath | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | 6 |
| Milk River | 2 | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | 13 |
| Pakan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 |
| Pakowki | 5 | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 |
| Pembina | 4 | 29 | 7 | 50 | 6 | 14 | ... | 4 | ... | 1 | 1 | 115 | 3 | 5 | 25 | 6 | 2 | 2 | ... | 3 | ... | 7 | 53 | 168 |
| Redcliff | 2 | 4 | 27 | ... | 6 | ... | 1 | ... | 1 | ... | ... | 41 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 11 | 52 |
| Sheerness | 11 | 23 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 35 | 2 | 1 | 7 | 1 | 1 | ... | ... | ... | 3 | 15 | 29 | 64 |
| Taber | 14 | 17 | 5 | 19 | 1 | ... | ... | ... | ... | ... | ... | 56 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 10 | 14 | 70 |
| Tofield | 2 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | 3 | 6 | 36 | 2 | 1 | 1 | ... | 1 | ... | ... | 15 | 64 |
| Wetaskiwin | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 14 | 15 | 15 |
| Total | 324 | 828 | 497 | 2,503 | 469 | 146 | 36 | 128 | 132 | 22 | 156 | 5,241 | 70 | 119 | 530 | 94 | 39 | 30 | 24 | 41 | 38 | 298 | 1,283 | 6,524 |

THE MINES BRANCH

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31, 1932:

| Number of men employed in the SUB-BITUMINOUS FIELD | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|--------------|---------------------------|-----------------|---------------|----------------------|---------------------------|-----------------------|-------------|------------|----------|-------------------|-----------------|------------------------------|-----------------------|-----------|---------|------------|-----------------------|-----------------|-----------------|---------------------|--------------------|-----|-------|
| Areas | BELOW GROUND | | | | | | | | | | | ABOVE GROUND | | | | | | | | | | | | | |
| | BELOW GROUND | | | | | | | | | | | Total Underground | ABOVE GROUND | | | | | | | | | | | | |
| | Officials | Hand Cutters | Machine Cutters & Helpers | Machine Loaders | Chute Loaders | Horse Hire Employees | Mechanical Hire Employees | Ventilation Employees | Road Makers | Timber Men | Pump Men | | Other Employees | Amidmen - Foremen and Clerks | Screenmen and Loaders | Enginemen | Firemen | Machinists | Carpenters and Masons | Other Mechanics | Surface Haulage | All Other Employees | Total Above Ground | | |
| Coalspur | 12 | 161 | 6 | ... | 12 | 18 | 2 | 2 | ... | 10 | 1 | ... | 224 | 15 | 12 | 66 | 27 | 18 | 5 | 3 | 6 | 14 | 141 | 307 | 531 |
| Pekisko | 4 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 3 | 9 |
| Pincher | 4 | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 15 |
| Prairie Creek | 7 | 48 | 6 | 32 | 2 | 4 | 5 | 1 | 3 | 6 | 1 | 14 | 129 | 5 | 93 | 6 | 5 | 1 | 1 | 2 | 1 | 2 | 47 | 176 | |
| Saunders | 5 | 24 | 12 | 32 | ... | 2 | 5 | 2 | 2 | 2 | ... | 2 | 88 | 2 | 3 | 12 | 4 | 5 | 1 | ... | ... | ... | 2 | 31 | 119 |
| Total..... | 32 | 242 | 24 | 64 | 14 | 24 | 12 | 5 | 5 | 18 | 2 | 16 | 458 | 20 | 20 | 102 | 40 | 28 | 7 | 5 | 8 | 17 | 145 | 392 | 850 |
| BITUMINOUS FIELD | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cascade | 18 | 127 | ... | ... | ... | 12 | 38 | 3 | 7 | 3 | 2 | 10 | 220 | 3 | 6 | 32 | 7 | 10 | 4 | 1 | 1 | ... | 15 | 79 | 299 |
| Crow's Nest | 60 | 655 | ... | ... | 88 | 39 | 85 | 16 | 19 | 77 | 10 | 16 | 1,305 | 15 | 45 | 113 | 24 | 17 | 16 | 9 | 16 | 29 | 123 | 407 | 1,612 |
| Mountain Park | 18 | 291 | ... | ... | 32 | 35 | 39 | 6 | 12 | 42 | 8 | 63 | 946 | 4 | 20 | 77 | 15 | 18 | 7 | 8 | 5 | 61 | 223 | 769 | |
| Nordeg | 8 | 97 | ... | ... | ... | 20 | 7 | 1 | 11 | 10 | 1 | ... | 155 | 2 | 13 | 13 | 3 | 7 | 2 | 3 | 6 | 2 | 36 | 87 | 242 |
| Total..... | 104 | 1,170 | ... | ... | 120 | 106 | 169 | 26 | 49 | 132 | 21 | 89 | 2,126 | 24 | 84 | 235 | 49 | 52 | 29 | 21 | 31 | 36 | 235 | 796 | 2,922 |

ANNUAL REPORT, 1932

57

Men employed above and below ground in the DOMESTIC FIELD by areas each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Monthly Average |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| Ardley | 49 | 44 | 40 | 14 | 17 | 19 | 20 | 30 | 37 | 69 | 69 | 70 | 40 |
| Big Valley | 15 | 14 | 12 | 9 | 9 | 6 | 6 | 7 | 9 | 13 | 13 | 59 | 19 |
| Brooks | 9 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | 3 | 16 | 18 | 6 | 7 |
| Camrose | 99 | 98 | 74 | 47 | 38 | 43 | 43 | 43 | 61 | 80 | 85 | 87 | 66 |
| Carbon | 231 | 219 | 174 | 126 | 91 | 92 | 104 | 119 | 144 | 187 | 210 | 224 | 160 |
| Castor | 120 | 106 | 77 | 30 | 21 | 22 | 23 | 23 | 44 | 139 | 142 | 133 | 74 |
| Champion | 52 | 49 | 50 | 33 | 30 | 33 | 32 | 28 | 45 | 68 | 78 | 75 | 48 |
| Drumheller | 2,476 | 2,382 | 2,019 | 1,075 | 889 | 836 | 854 | 1,333 | 2,260 | 2,971 | 3,029 | 2,969 | 1,909 |
| Edmonton | 909 | 863 | 692 | 455 | 404 | 398 | 400 | 447 | 650 | 952 | 1,122 | 1,110 | 700 |
| Gleichen | 13 | 13 | 13 | 10 | 6 | 6 | 6 | 7 | 11 | 15 | 19 | 21 | 12 |
| Haicourt | 14 | 14 | 13 | 3 | ..... | ..... | 3 | ..... | 5 | 2 | 13 | 19 | 7 |
| Lethbridge | 1,363 | 1,344 | 1,289 | 961 | 893 | 860 | 891 | 1,004 | 1,128 | 1,247 | 1,277 | 1,272 | 1,127 |
| Magrath | 10 | 8 | 11 | 6 | 7 | 8 | 4 | 4 | 8 | 9 | 9 | 6 | 8 |
| Milk River | 13 | 9 | 9 | 6 | 3 | 7 | 6 | 6 | 10 | 32 | 23 | 13 | 11 |
| Pakowki | 10 | 13 | 11 | 4 | 4 | 5 | 2 | 4 | 11 | 14 | 15 | 13 | 9 |
| Pembina | 147 | 155 | 151 | 143 | 58 | 48 | 53 | 151 | 150 | 150 | 164 | 168 | 128 |
| Redcliff | 46 | 45 | 44 | 46 | 41 | 35 | 37 | 34 | 42 | 48 | 54 | 52 | 44 |
| Sheerness | 70 | 70 | 33 | 26 | 27 | 27 | 51 | 42 | 35 | 78 | 93 | 64 | 51 |
| Steeville | 3 | 3 | 3 | ..... | ..... | ..... | ..... | 42 | ..... | ..... | ..... | ..... | 3 |
| Taber | 51 | 49 | 46 | 31 | 27 | 26 | 21 | 29 | 42 | 67 | 74 | 70 | 44 |
| Tofield | 71 | 70 | 70 | 70 | 65 | 77 | 75 | 55 | 62 | 88 | 92 | 87 | 73 |
| Wetaskiwin | 3 | 2 | 2 | 2 | ..... | ..... | ..... | ..... | 2 | 2 | 2 | 2 | 6 |
| Pakan ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 39 | 15 | 4 |
| No Area Assigned ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 2 | ..... | 2 |
| Total..... | 5,777 | 5,573 | 4,841 | 3,101 | 2,634 | 2,553 | 2,445 | 3,370 | 4,759 | 6,249 | 6,706 | 6,535 | 4,548 |

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas each month

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Monthly Average |
|---------------------|------|------|------|-------|-----|------|------|------|-------|------|------|------|-----------------|
| Coalspur | 496 | 455 | 386 | 339 | 312 | 286 | 328 | 398 | 448 | 515 | 511 | 531 | 417 |
| Fekisko | 9 | 10 | 10 | 6 | 11 | 7 | 63 | 10 | 11 | 8 | 18 | 14 | 14 |
| Pincher | 16 | 16 | 17 | 12 | 9 | 9 | 9 | 10 | 15 | 16 | 15 | 15 | 13 |
| Prairie Creek | 141 | 144 | 127 | 81 | 73 | 68 | 115 | 131 | 161 | 182 | 203 | 176 | 134 |
| Saunders | 120 | 120 | 47 | 36 | 36 | 49 | 59 | 116 | 125 | 126 | 129 | 119 | 90 |
| Total..... | 782 | 745 | 587 | 474 | 443 | 419 | 571 | 665 | 760 | 847 | 864 | 850 | 668 |

Men employed above and below ground in the BITUMINOUS FIELD by areas each month

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Monthly Average |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Cascade | 301 | 302 | 298 | 297 | 297 | 293 | 293 | 292 | 294 | 289 | 287 | 299 | 295 |
| Crow's Nest | 1,641 | 1,645 | 649 | 604 | 1,137 | 1,145 | 1,156 | 1,167 | 1,609 | 1,622 | 1,518 | 1,512 | 1,340 |
| Mountain Park | 777 | 734 | 756 | 726 | 709 | 696 | 678 | 702 | 767 | 756 | 751 | 769 | 735 |
| Nordegg | 287 | 294 | 203 | 292 | 250 | 229 | 227 | 234 | 221 | 223 | 233 | 242 | 251 |
| Total..... | 3,006 | 2,975 | 1,991 | 1,919 | 2,413 | 2,363 | 2,354 | 2,385 | 2,891 | 2,890 | 2,889 | 2,922 | 2,621 |

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Monthly Average |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-----------------|
| Domestic | 5,777 | 5,573 | 4,841 | 3,101 | 2,634 | 2,553 | 2,445 | 3,370 | 4,759 | 6,249 | 6,706 | 6,535 | 4,548 |
| Sub-Bituminous | 782 | 745 | 587 | 474 | 443 | 419 | 571 | 665 | 760 | 847 | 864 | 850 | 668 |
| Bituminous | 3,006 | 2,975 | 1,991 | 1,919 | 2,413 | 2,363 | 2,354 | 2,385 | 2,891 | 2,890 | 2,889 | 2,922 | 2,621 |
| Total..... | 9,565 | 9,293 | 7,419 | 5,494 | 5,490 | 5,335 | 5,370 | 6,420 | 8,410 | 9,986 | 10,459 | 10,307 | 7,837 |

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE.

| Year | Gross tons of coal mined | Total average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|------|--------------------------|-----------------------------------|-------------------------------------|---|---|
| 1906 | 1,385,000 | 2,800 | 494 | 2,000 | 692 |
| 1907 | 1,834,745 | 3,600 | 509 | 2,700 | 679 |
| 1908 | 1,845,000 | 3,780 | 488 | 2,681 | 688 |
| 1909 | 2,174,329 | 5,207 | 417 | 3,893 | 566 |
| 1910 | 3,036,757 | 5,818 | 504 | 4,090 | 742 |
| 1911 | 1,694,564 | 6,689 | 253 | 4,617 | 375 |
| 1912 | 3,446,349 | 6,661 | 517 | 4,861 | 708 |
| 1913 | 4,306,346 | 8,068 | 533 | 5,837 | 737 |
| 1914 | 3,821,739 | 8,170 | 467 | 6,052 | 631 |
| 1915 | 3,434,891 | 6,445 | 532 | 4,493 | 764 |
| 1916 | 4,648,604 | 7,570 | 614 | 5,536 | 839 |
| 1917 | 4,863,414 | 8,310 | 595 | 6,047 | 804 |
| 1918 | 6,148,620 | 8,818 | 697 | 6,141 | 1,001 |
| 1919 | 5,022,412 | 7,573 | 663 | 5,150 | 958 |
| 1920 | 6,908,923 | 9,688 | 712 | 6,551 | 1,055 |
| 1921 | 5,937,195 | 10,018 | 592 | 7,203 | 824 |
| 1922 | 5,976,482 | 8,757 | 683 | 6,154 | 971 |
| 1923 | 6,866,923 | 9,927 | 687 | 7,249 | 893 |
| 1924 | 5,203,713 | 7,317 | 711 | 5,299 | 982 |
| 1925 | 5,883,394 | 8,774 | 670 | 6,498 | 834 |
| 1926 | 6,508,908 | 8,763 | 743 | 6,569 | 991 |
| 1927 | 6,936,780 | 9,016 | 768 | 6,681 | 970 |
| 1928 | 7,334,179 | 9,496 | 772 | 6,625 | 1,107 |
| 1929 | 7,147,250 | 9,572 | 747 | 7,115 | 1,004 |
| 1930 | 5,755,911 | 8,889 | 648 | 6,607 | 871 |
| 1931 | 4,563,309 | 8,070 | 577 | 5,969 | 701 |
| 1932 | 4,867,984 | 7,837 | 621 | 5,772 | 844 |

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD.

| | | | | | |
|------|-----------|-------|-----|-------|-----|
| 1910 | 878,011 | 2,307 | 380 | 1,676 | 524 |
| 1911 | 964,700 | 3,548 | 271 | 2,488 | 391 |
| 1912 | 1,341,389 | 2,980 | 450 | 2,283 | 587 |
| 1913 | 1,763,225 | 4,017 | 438 | 2,929 | 601 |
| 1914 | 1,697,401 | 4,219 | 402 | 3,190 | 532 |
| 1915 | 1,682,922 | 3,181 | 529 | 2,210 | 761 |
| 1916 | 2,172,801 | 4,132 | 525 | 3,137 | 692 |
| 1917 | 2,537,829 | 4,701 | 539 | 3,489 | 727 |
| 1918 | 3,035,061 | 4,896 | 619 | 3,420 | 887 |
| 1919 | 2,611,009 | 4,226 | 617 | 2,953 | 884 |
| 1920 | 3,369,308 | 5,173 | 647 | 3,723 | 902 |
| 1921 | 2,943,141 | 5,601 | 525 | 4,256 | 691 |
| 1922 | 3,086,669 | 4,981 | 620 | 3,752 | 823 |
| 1923 | 3,161,741 | 4,969 | 636 | 3,765 | 812 |
| 1924 | 3,096,660 | 4,543 | 681 | 3,447 | 898 |
| 1925 | 3,156,359 | 4,874 | 647 | 3,750 | 808 |
| 1926 | 3,160,029 | 4,798 | 658 | 3,714 | 816 |
| 1927 | 3,357,171 | 4,663 | 720 | 3,603 | 891 |
| 1928 | 3,378,200 | 4,810 | 702 | 3,700 | 873 |
| 1929 | 3,385,749 | 4,944 | 685 | 3,813 | 880 |
| 1930 | 2,874,090 | 4,822 | 596 | 3,756 | 765 |
| 1931 | 2,245,563 | 4,400 | 501 | 3,419 | 628 |
| 1932 | 2,574,785 | 4,548 | 566 | 3,539 | 728 |

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD.

| Year | | Gross tons of coal mined | Total average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|-----------|----------|--------------------------|-----------------------------------|-------------------------------------|---|---|
| 1922..... | Stp. Pit | 367,514 | 217 | 1,692 | ..... | ..... |
| | B. Grd. | 179,500 | 403 | 445 | 277 | 648 |
| 1923..... | Stp. Pit | 288,467 | 190 | 1,513 | ..... | ..... |
| | B. Grd. | 174,994 | 354 | 494 | 260 | 673 |
| 1924..... | Stp. Pit | 369,724 | 211 | 1,752 | ..... | ..... |
| | B. Grd. | 222,222 | 393 | 565 | 278 | 799 |
| 1925..... | Stp. Pit | 385,993 | 162 | 2,074 | ..... | ..... |
| | B. Grd. | 245,842 | 461 | 533 | 326 | 754 |
| 1926..... | Stp. Pit | 258,964 | 147 | 1,761 | ..... | ..... |
| | B. Grd. | 231,407 | 443 | 545 | 305 | 758 |
| 1927..... | Stp. Pit | 304,584 | 193 | 1,583 | ..... | ..... |
| | B. Grd. | 290,606 | 478 | 608 | 321 | 905 |
| 1928..... | Stp. Pit | 394,682 | 179 | 2,205 | ..... | ..... |
| | B. Grd. | 345,810 | 645 | 536 | 457 | 756 |
| 1929..... | Stp. Pit | 319,764 | 163 | 1,962 | ..... | ..... |
| | B. Grd. | 348,344 | 585 | 595 | 402 | 866 |
| 1930..... | Stp. Pit | 304,144 | 157 | 1,937 | ..... | ..... |
| | B. Grd. | 299,187 | 569 | 526 | 390 | 767 |
| 1931..... | Stp. Pit | 280,251 | 161 | 1,803 | ..... | ..... |
| | B. Grd. | 191,138 | 486 | 393 | 336 | 569 |
| 1932..... | Stp. Pit | 348,266 | 177 | 1,868 | ..... | ..... |
| | B. Grd. | 211,213 | 491 | 430 | 341 | 619 |

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD.

| | | | | | |
|-----------|-----------|-------|-----|-------|-------|
| 1910..... | 1,896,961 | 2,981 | 636 | 2,076 | 914 |
| 1911..... | 649,745 | 2,645 | 246 | 1,820 | 357 |
| 1912..... | 1,926,371 | 3,243 | 594 | 2,353 | 818 |
| 1913..... | 2,374,401 | 3,562 | 666 | 2,645 | 897 |
| 1914..... | 1,963,367 | 3,529 | 553 | 2,632 | 742 |
| 1915..... | 1,626,237 | 2,921 | 557 | 2,103 | 773 |
| 1916..... | 2,335,259 | 3,142 | 743 | 2,258 | 1,034 |
| 1917..... | 2,206,868 | 3,335 | 661 | 2,429 | 909 |
| 1918..... | 2,982,334 | 3,636 | 820 | 2,597 | 1,109 |
| 1919..... | 2,325,787 | 3,118 | 745 | 2,100 | 1,108 |
| 1920..... | 3,410,021 | 4,228 | 809 | 2,711 | 1,202 |
| 1921..... | 2,897,380 | 4,183 | 701 | 2,820 | 1,026 |
| 1922..... | 2,214,273 | 3,034 | 729 | 2,084 | 1,062 |
| 1923..... | 8,241,614 | 4,345 | 746 | 3,215 | 1,008 |
| 1924..... | 1,515,107 | 2,171 | 698 | 1,574 | 966 |
| 1925..... | 2,145,200 | 3,277 | 654 | 2,422 | 885 |
| 1926..... | 2,858,508 | 3,375 | 847 | 2,550 | 1,121 |
| 1927..... | 2,984,419 | 3,682 | 810 | 2,757 | 1,082 |
| 1928..... | 3,215,481 | 3,862 | 832 | 2,468 | 1,302 |
| 1929..... | 3,093,393 | 3,880 | 797 | 2,898 | 1,077 |
| 1930..... | 2,278,490 | 3,341 | 682 | 2,461 | 926 |
| 1931..... | 1,846,357 | 3,023 | 611 | 2,214 | 834 |
| 1932..... | 1,733,720 | 2,621 | 660 | 1,892 | 916 |

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD.

| | | | | | |
|-----------|---------|-----|-----|-----|-------|
| 1910..... | 261,785 | 530 | 493 | 338 | 774 |
| 1911..... | 80,119 | 500 | 160 | 209 | 383 |
| 1912..... | 178,589 | 438 | 407 | 225 | 793 |
| 1913..... | 168,720 | 489 | 345 | 263 | 641 |
| 1914..... | 170,971 | 422 | 405 | 230 | 743 |
| 1915..... | 125,732 | 343 | 366 | 180 | 698 |
| 1916..... | 140,544 | 296 | 474 | 141 | 996 |
| 1917..... | 118,717 | 284 | 418 | 129 | 920 |
| 1918..... | 181,225 | 286 | 458 | 124 | 1,058 |
| 1919..... | 85,616 | 229 | 374 | 95 | 901 |
| 1920..... | 130,594 | 287 | 455 | 117 | 1,116 |
| 1921..... | 96,674 | 284 | 341 | 127 | 761 |
| 1922..... | 40,417 | 112 | 361 | 41 | 986 |
| 1923..... | 107 | 69 | 1 | 9 | 12 |

The table showing the number of men employed in the Anthracite Coal Field includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

During the year 1909 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1911 a strike, affecting all the larger mines in the Province, lasted for a period of eight months.

During the year 1917 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1919 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1922 a strike, affecting all the larger mines in the Province, lasted for a period of five months.

During the year 1924 a strike, affecting all the larger mines in the Province, lasted for a period of six and a half months.

NOTE: In calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnages used in the above and following tables do not include tonnage extracted under permit.

Per Capita Production of Mines by areas:

DOMESTIC COAL FIELD

| Areas | Gross tons of coal mined | Total average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|----------------------------|--------------------------|-----------------------------------|-------------------------------------|---|---|
| Ardley | 18,409 | 40 | 460 | 32 | 575 |
| Big Valley | 4,738 | 19 | 249 | 9 | 526 |
| Brooks | 6,622 | 7 | 946 | 5 | 1,324 |
| Camrose | 42,376 | 66 | 637 | 50 | 845 |
| Carbon | 88,837 | 160 | 555 | 129 | 712 |
| Castor | 36,465 | 74 | 493 | 65 | 561 |
| Champion | 17,260 | 48 | 360 | 43 | 401 |
| Drumheller | 1,245,474 | 1,909 | 652 | 1,542 | 807 |
| Edmonton | 454,293 | 700 | 649 | 570 | 795 |
| Gleichen | 5,260 | 12 | 438 | 11 | 478 |
| Halcourt | 2,275 | 7 | 227 | 7 | 227 |
| Lethbridge | 386,243 | 1,127 | 343 | 865 | 331 |
| Magrath | 1,763 | 8 | 220 | 5 | 332 |
| Milk River | 4,051 | 11 | 368 | 6 | 675 |
| Pakan | 195 | 4 | 49 | ..... | ..... |
| Pakowki | 2,571 | 9 | 286 | 8 | 321 |
| Pembina | 99,051 | 128 | 774 | 86 | 1,152 |
| Redcliff | 24,045 | 44 | 546 | 35 | 687 |
| Sheerness | 24,658 | 51 | 483 | 25 | 1,066 |
| Stevenville | 136 | 3 | 44 | 3 | 44 |
| Taber | 14,193 | 44 | 323 | 35 | 406 |
| Tofield, Stripping | 89,354 | 67 | 1,334 | ..... | ..... |
| Tofield, Underground | 6,283 | 6 | 1,047 | 4 | 1,570 |
| Wetaskiwin | 180 | 2 | 90 | 2 | 90 |
| No Area | 53 | 2 | 26 | 2 | 90 |
| Total..... | 2,574,785 | 4,548 | 566 | 3,539 | 728 |

SUB-BITUMINOUS

| | | | | | |
|-----------------------------|---------|-----|-------|-------|-------|
| Coalspur, Stripping | 348,266 | 177 | 1,968 | ..... | ..... |
| Coalspur, Underground | 104,266 | 240 | 434 | 161 | 648 |
| Pekisko | 1,527 | 14 | 109 | 9 | 170 |
| Pincher | 2,729 | 13 | 210 | 10 | 273 |
| Prairie Creek | 66,784 | 134 | 498 | 96 | 696 |
| Saunders | 35,907 | 90 | 399 | 65 | 645 |
| Total..... | 559,479 | 668 | 837 | 341 | 619 |

THE MINES BRANCH

BITUMINOUS

| Areas | Gross tons of coal mined | Total average No. of men employed | Tons of coal mined per man employed | Average No. of men employed under- ground | Tons of coal mined per man employed under- ground |
|------------------------|--------------------------------|---|---|--|--|
| Cascade | 169,328 | 295 | 574 | 221 | 766 |
| Crow's Nest East | 353,090 | 618 | 570 | 445 | 793 |
| Crow's Nest West | 361,262 | 722 | 497 | 550 | 657 |
| Mountain Park | 711,383 | 735 | 969 | 514 | 968 |
| Nordegg | 138,657 | 251 | 552 | 162 | 856 |
| Total..... | 1,733,720 | 2,621 | 660 | 1,892 | 916 |

SUMMARY :

| | | | | | |
|----------------------|-----------|-------|-----|-------|-----|
| Domestic | 2,574,785 | 4,548 | 566 | 3,539 | 728 |
| Sub-Bituminous | 559,479 | 668 | 837 | 341 | 619 |
| Bituminous | 1,733,720 | 2,621 | 660 | 1,892 | 916 |
| Total..... | 4,867,984 | 7,837 | 621 | 5,772 | 844 |

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ardley | 22.83 | 19.91 | 11.33 | 5.00 | 5.80 | 8.89 | 6.83 | 10.33 | 18.00 | 17.27 | 19.58 | 18.08 | 161.85 |
| Big Valley | 21.00 | 20.80 | 15.00 | 8.00 | 7.33 | 8.00 | 3.50 | 5.00 | 12.33 | 16.75 | 18.20 | 17.60 | 154.31 |
| Brooks | 22.00 | 25.00 | 25.00 | 24.00 | 23.00 | 22.00 | 21.00 | 24.00 | 26.00 | 25.50 | 19.00 | 19.00 | 275.50 |
| Carrose | 21.80 | 18.80 | 13.80 | 15.33 | 12.00 | 14.00 | 13.33 | 12.30 | 15.80 | 13.50 | 20.33 | 20.33 | 204.05 |
| Carbon | 18.22 | 17.00 | 14.67 | 7.07 | 11.08 | 7.27 | 9.67 | 13.32 | 13.08 | 22.08 | 21.60 | 19.11 | 182.77 |
| Castor | 18.74 | 19.11 | 13.33 | 7.56 | 7.18 | 6.83 | 8.13 | 8.71 | 13.00 | 13.91 | 20.61 | 17.66 | 160.37 |
| Champion | 16.54 | 20.22 | 18.70 | 11.80 | 10.56 | 9.77 | 16.54 | 18.50 | 14.22 | 24.89 | 21.99 | 20.64 | 209.37 |
| Drumheller | 13.66 | 16.03 | 12.77 | 8.85 | 6.48 | 5.36 | 6.21 | 10.74 | 16.00 | 19.37 | 14.93 | 13.22 | 143.92 |
| Edmonton | 21.60 | 21.35 | 18.17 | 12.05 | 11.74 | 13.05 | 10.88 | 13.20 | 15.76 | 20.60 | 24.55 | 19.06 | 202.01 |
| Gleichen | 23.33 | 25.66 | 24.33 | 17.66 | 12.00 | 13.33 | 12.00 | 16.00 | 18.00 | 25.30 | 24.00 | 24.67 | 236.38 |
| Halcourt | 20.00 | 18.50 | 13.60 | 6.50 | ..... | ..... | ..... | ..... | 8.50 | 20.00 | 17.00 | 20.38 | 144.48 |
| Lethbridge | 14.60 | 14.75 | 12.94 | 9.68 | 7.65 | 8.43 | 9.07 | 11.33 | 14.24 | 18.16 | 18.35 | 15.80 | 155.00 |
| Magrath | 20.00 | 22.50 | 12.66 | 19.50 | 13.00 | 10.50 | 7.33 | 16.00 | 13.00 | 13.00 | 22.67 | 18.67 | 188.83 |
| Milk River | 9.50 | 12.50 | 7.50 | 5.00 | 12.50 | 9.67 | 10.66 | 19.00 | 21.00 | 24.33 | 21.00 | 16.67 | 169.33 |
| Pakan ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8.00 | ..... | 8.00 |
| Pakowki | 8.40 | 9.40 | 9.50 | 4.00 | 4.00 | 5.00 | 7.00 | 10.00 | 11.75 | 18.71 | 20.15 | 13.43 | 121.44 |
| Pembina | 15.00 | 15.00 | 15.00 | 13.00 | 10.00 | 10.00 | 6.00 | 7.00 | 8.50 | 17.00 | 20.00 | 19.67 | 156.17 |
| Redcliff | 19.00 | 18.50 | 15.00 | 10.50 | 4.00 | 9.00 | 5.00 | 6.50 | 16.50 | 22.50 | 20.50 | 19.50 | 166.50 |
| Sheerness | 15.92 | 16.75 | 16.75 | 10.26 | 8.23 | 8.00 | 11.90 | 11.00 | 15.08 | 20.33 | 24.16 | 19.47 | 177.85 |
| Steeville | 11.00 | 22.00 | 11.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 44.00 |
| Taber | 13.81 | 14.69 | 12.66 | 10.42 | 9.55 | 6.18 | 8.22 | 10.60 | 15.32 | 20.50 | 16.65 | 14.64 | 135.84 |
| Tofield | 21.50 | 17.00 | 12.50 | 10.00 | 15.00 | 17.00 | 26.00 | 27.00 | 12.33 | 18.00 | 23.00 | 22.00 | 221.33 |
| Wetaskiwin | 13.00 | 12.00 | 4.00 | 1.00 | ..... | ..... | ..... | ..... | ..... | 13.00 | 12.00 | 10.00 | 65.00 |
| No Area ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 15.00 | 20.00 | ..... | 35.00 |
| Total | 17.35 | 18.06 | 14.45 | 13.31 | 10.06 | 10.10 | 10.96 | 16.41 | 15.50 | 18.86 | 15.14 | 18.07 | 148.05 |

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coalspur | 17.87 | 16.50 | 11.66 | 15.00 | 16.33 | 7.80 | 7.20 | 8.28 | 14.00 | 16.00 | 19.00 | 20.33 | 169.93 |
| Pekisko | 11.75 | 11.50 | 10.25 | 5.00 | 7.33 | 17.50 | 12.25 | 6.00 | 9.33 | 12.25 | 18.00 | 8.50 | 128.66 |
| Pincher | 13.75 | 16.60 | 15.00 | 11.33 | 11.50 | 17.00 | 2.00 | 3.66 | 15.00 | 22.00 | 23.25 | 17.00 | 168.00 |
| Prairie Creek | 20.00 | 21.00 | 13.00 | ..... | 19.00 | 21.00 | 10.00 | 15.50 | 22.00 | 17.50 | 16.50 | 19.00 | 194.50 |
| Saunders | 8.00 | 8.50 | 4.00 | 4.00 | 2.00 | 3.00 | 5.00 | 8.00 | 16.50 | 16.00 | 14.50 | 15.00 | 104.50 |
| Total | 14.27 | 14.82 | 10.78 | 8.83 | 11.23 | 10.11 | 7.29 | 8.29 | 15.37 | 16.75 | 18.25 | 15.97 | 153.34 |

THE MINES BRANCH

Number of days on which coal was drawn in the BITUMINOUS FIELD by areas each month:

| Areas | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Cascade | 16.00 | 17.50 | 18.00 | 17.50 | 13.00 | 17.00 | 11.50 | 11.00 | 15.50 | 17.00 | 16.00 | 17.50 | 187.50 |
| Crow's Nest | 10.88 | 15.00 | 12.85 | 11.25 | 9.00 | 19.60 | 14.60 | 11.00 | 13.14 | 7.38 | 9.67 | 14.11 | 188.48 |
| Mountain Park | 17.75 | 23.33 | 23.00 | 18.25 | 14.67 | 10.25 | 14.80 | 15.86 | 16.80 | 18.25 | 17.25 | 15.25 | 209.26 |
| Nordegg | 8.00 | 12.00 | 13.00 | 10.00 | 5.00 | 5.00 | 5.00 | 7.00 | 12.00 | 14.00 | 11.00 | 10.00 | 112.00 |
| Total..... | 13.16 | 14.46 | 16.71 | 14.25 | 10.42 | 12.96 | 11.48 | 11.33 | 14.36 | 14.16 | 13.48 | 14.22 | 163.31 |

| Number of days on which Coal was drawn each month: | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Domestic | 17.35 | 18.06 | 14.45 | 13.34 | 10.06 | 10.10 | 10.96 | 16.41 | 15.35 | 18.86 | 15.14 | 18.07 | 148.05 |
| Sub-Bituminous | 14.27 | 14.82 | 10.78 | 8.83 | 11.23 | 10.11 | 7.29 | 8.29 | 15.37 | 16.75 | 18.25 | 15.97 | 133.34 |
| Bituminous | 13.16 | 14.46 | 16.71 | 14.25 | 10.42 | 12.96 | 11.48 | 11.33 | 14.36 | 14.16 | 13.48 | 14.22 | 163.31 |
| Total..... | 14.92 | 16.61 | 13.98 | 12.14 | 10.57 | 11.05 | 9.91 | 12.01 | 15.03 | 16.59 | 15.62 | 16.75 | 154.90 |

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1932:

DOMESTIC FIELD

| Areas | January | | February | | March | | April | | May | | June | | Total Jan. to June | |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| Ardley | 207 | 861 | 127 | 843 | 68 | 438 | 31 | 86 | 56 | 146 | 80 | 164 | 569 | 2,538 |
| Big Valley | 66 | 247 | 59 | 233 | 44 | 130 | 7 | 59 | 11 | 58 | 1 | 44 | 188 | 771 |
| Brooks | 70 | 149 | 48 | 136 | 56 | 138 | 52 | 57 | 37 | 50 | 26 | 70 | 283 | 600 |
| Camrose | 584 | 1,448 | 482 | 1,451 | 360 | 994 | 271 | 592 | 202 | 376 | 234 | 516 | 2,133 | 5,317 |
| Carbon | 780 | 3,079 | 659 | 3,068 | 463 | 1,811 | 439 | 1,002 | 119 | 405 | 398 | 692 | 2,858 | 10,048 |
| Castor | 306 | 1,719 | 217 | 1,592 | 168 | 879 | 57 | 220 | 20 | 123 | 26 | 146 | 794 | 4,679 |
| Champion | 80 | 634 | 83 | 752 | 71 | 777 | 68 | 345 | 50 | 264 | 59 | 326 | 411 | 3,098 |
| Drumheller | 8,614 | 33,083 | 8,573 | 34,224 | 5,978 | 20,883 | 3,116 | 7,736 | 2,701 | 5,289 | 2,673 | 4,106 | 31,655 | 105,331 |
| Edmonton | 3,429 | 14,727 | 3,353 | 14,519 | 2,753 | 10,650 | 1,792 | 5,709 | 1,457 | 4,293 | 1,495 | 4,264 | 14,269 | 54,152 |
| Gleichen | 25 | 218 | 22 | 216 | 10 | 144 | 2 | 103 | 22 | 41 | 26 | 54 | 170 | 776 |
| Halcourt | ..... | 205 | ..... | 255 | 10 | 158 | 2 | 15 | ..... | ..... | ..... | ..... | 12 | 723 |
| Lethbridge | 4,792 | 11,698 | 4,716 | 11,925 | 4,267 | 8,918 | 3,196 | 4,301 | 2,552 | 3,113 | 2,617 | 3,388 | 22,070 | 43,823 |
| Macraeth | 15 | 157 | 45 | 127 | 52 | 133 | 49 | 64 | 42 | 55 | 11 | 93 | 284 | 398 |
| Milk River | 17 | 97 | 13 | 97 | 11 | 163 | 3 | 18 | 4 | 7 | 28 | 24 | 116 | 309 |
| Pakowki | 24 | 48 | 20 | 112 | 10 | 109 | 24 | 18 | 18 | 8 | 7 | 23 | 138 | 300 |
| Pembina | 1,127 | 1,748 | 133 | 518 | 930 | 1,504 | 946 | 1,487 | 616 | 200 | 427 | 266 | 4,181 | 5,813 |
| Redcliff | 188 | 679 | 1,062 | 1,810 | 127 | 525 | 50 | 370 | 31 | 154 | 80 | 232 | 1,581 | 3,770 |
| Sheerness | 287 | 364 | 472 | 424 | 205 | 354 | 57 | 169 | 75 | 148 | 204 | 138 | 1,300 | 1,597 |
| Stevenville | 33 | ..... | ..... | 40 | 6 | 46 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 119 |
| Taber | 155 | 507 | 117 | 576 | 78 | 478 | 130 | 248 | 120 | 159 | 35 | 134 | 635 | 2,099 |
| Tofield | 1,276 | 154 | 1,201 | 142 | 998 | 54 | 1,290 | 3 | 1,821 | 1 | 1,952 | 2 | 8,338 | 387 |
| Wetaskiwin | 39 | ..... | ..... | 24 | ..... | 8 | ..... | 2 | ..... | ..... | ..... | ..... | 39 | 34 |
| Total | 22,111 | 71,934 | 21,415 | 73,084 | 16,698 | 49,191 | 11,565 | 22,625 | 9,992 | 15,010 | 10,425 | 15,098 | 92,206 | 246,942 |

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1932:

DOMESTIC FIELD

| Areas | July | | August | | September | | October | | November | | December | | Total | | Total for year 1932 | |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------|--------------|
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| | | | | | | | | | | | | | | | | |
| Ardley | 59 | 101 | 141 | 396 | 208 | 410 | 291 | 848 | 375 | 995 | 390 | 960 | 1,464 | 3,610 | 2,033 | 6,148 |
| Big Valley | 7 | 14 | 2 | 24 | 10 | 81 | 37 | 171 | 496 | 238 | 87 | 209 | 639 | 737 | 827 | 1,508 |
| Brooks | 51 | 27 | 56 | 51 | 52 | 99 | 170 | 301 | 38 | 282 | 53 | 181 | 430 | 944 | 703 | 1,541 |
| Camrose | 201 | 446 | 288 | 485 | 351 | 850 | 485 | 1,188 | 473 | 1,219 | 497 | 1,214 | 2,255 | 5,387 | 4,428 | 10,774 |
| Carbon | 479 | 920 | 697 | 1,515 | 688 | 2,018 | 837 | 2,686 | 984 | 3,792 | 864 | 3,565 | 4,516 | 14,496 | 7,104 | 24,544 |
| Castor | 25 | 171 | 39 | 161 | 149 | 430 | 579 | 1,897 | 554 | 2,073 | 472 | 1,386 | 1,822 | 5,418 | 2,617 | 11,097 |
| Champion | 80 | 634 | 110 | 380 | 120 | 644 | 170 | 1,284 | 258 | 1,713 | 218 | 1,352 | 973 | 5,808 | 1,386 | 8,906 |
| Drumheller | 2,983 | 4,034 | 4,522 | 12,850 | 7,509 | 29,698 | 10,609 | 49,746 | 8,509 | 34,133 | 7,368 | 29,281 | 40,540 | 160,473 | 72,195 | 263,794 |
| Edmonton | 1,535 | 4,006 | 1,610 | 4,627 | 2,370 | 8,491 | 3,320 | 15,179 | 3,724 | 16,690 | 3,765 | 16,789 | 16,334 | 65,785 | 30,603 | 119,947 |
| Geichen | 24 | 67 | 26 | 97 | 34 | 175 | 51 | 319 | 70 | 232 | 80 | 285 | 285 | 1,195 | 455 | 1,971 |
| Helcourt | 2,765 | 3,753 | 3,741 | 7,730 | 4,814 | 12,585 | 12 | 176 | 29 | 146 | 4,637 | 12,495 | 26,257 | 67,350 | 48,327 | 111,173 |
| Lethbridge | 31 | 56 | 31 | 20 | 29 | 61 | 20 | 58 | 68 | 138 | 61 | 110 | 225 | 443 | 509 | 1,041 |
| Merrath | 23 | 34 | 41 | 74 | 49 | 123 | 597 | 188 | 337 | 150 | 112 | 120 | 1,159 | 689 | 1,275 | 998 |
| Milk River ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 310 | ..... | ..... | ..... | ..... | ..... | 310 | ..... |
| Pakan | 7 | 7 | ..... | ..... | 33 | 60 | 49 | 202 | 50 | 219 | 50 | 155 | 189 | 684 | 327 | 984 |
| Pakowki | 400 | 221 | 707 | 938 | 738 | 936 | 879 | 1,406 | 1,066 | 1,777 | 1,136 | 1,739 | 4,926 | 7,012 | 9,107 | 12,825 |
| Pembina | 36 | 138 | 45 | 180 | 125 | 491 | 220 | 842 | 220 | 868 | 219 | 767 | 865 | 3,306 | 2,423 | 7,076 |
| Reidcliff | 304 | 172 | 126 | 116 | 199 | 300 | 536 | 1,041 | 871 | 802 | 462 | 519 | 2,504 | 2,950 | 3,804 | 4,547 |
| Sheerness ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Steeville | 23 | 160 | 107 | 247 | 135 | 613 | 371 | 929 | 420 | 1,054 | 167 | 566 | 1,223 | 3,569 | 5 | 119 |
| Taber | 1,872 | ..... | 1,485 | ..... | 1,372 | 1,04 | 1,447 | 235 | 1,734 | 333 | 1,491 | 190 | 9,401 | 862 | 17,939 | 5,668 |
| Tofield ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 16 | ..... | ..... | 3 | 12 | 7 | 46 | 46 | 1,249 |
| Wetaskiwin ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30 | ..... | 40 | ..... | ..... | ..... | 70 | ..... | 70 | ..... |
| No Area ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 10,890 | 15,056 | 13,774 | 29,827 | 18,335 | 58,218 | 26,605 | 96,372 | 25,322 | 80,254 | 22,132 | 62,778 | 117,558 | 342,505 | 209,764 | 589,447 |

SUB-BITUMINOUS FIELD

| Areas | January | | February | | March | | April | | May | | June | | Total Jan. to June | |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| | | | | | | | | | | | | | | |
| Coalspur | 7,121 | 3,585 | 6,621 | 2,908 | 5,870 | 1,021 | 5,772 | 860 | 5,821 | 171 | 4,605 | 614 | 35,816 | 9,189 |
| Pekisko | 47 | 192 | 37 | 80 | 41 | 59 | 10 | 10 | 16 | 32 | 104 | 35 | 279 | 327 |
| Pincher | 16 | 128 | 51 | 151 | 41 | 205 | 60 | 142 | 26 | 95 | 27 | 128 | 254 | 869 |
| Prairie Creek | 1,013 | 1,932 | 938 | 2,030 | 560 | 1,154 | 499 | 1,039 | 423 | 1,015 | 426 | 863 | 3,873 | 8,069 |
| Saunders | 347 | 812 | 372 | 882 | 161 | 170 | 144 | 89 | 178 | 39 | 240 | 156 | 1,442 | 2,148 |
| Total | 8,571 | 6,549 | 8,039 | 6,083 | 6,676 | 2,619 | 6,485 | 2,140 | 6,488 | 1,382 | 5,402 | 1,829 | 41,664 | 20,602 |

BITUMINOUS FIELD

| Areas | January | | February | | March | | April | | May | | June | | Total Jan. to June | |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| | | | | | | | | | | | | | | |
| Cascade | 1,380 | 2,082 | 1,462 | 2,593 | 1,562 | 2,833 | 1,495 | 2,605 | 1,587 | 2,813 | 1,990 | 4,280 | 9,476 | 17,156 |
| Crow's Nest | 6,479 | 12,420 | 7,443 | 16,847 | 5,333 | 11,516 | 4,588 | 8,394 | 5,357 | 9,928 | 7,453 | 18,754 | 37,223 | 77,859 |
| Mountain Park | 3,319 | 12,895 | 4,835 | 12,772 | 3,850 | 12,599 | 4,378 | 12,945 | 4,171 | 8,534 | 4,289 | 7,165 | 29,462 | 66,910 |
| Nortegg | 2,133 | 1,863 | 2,506 | 2,517 | 2,167 | 2,622 | 1,683 | 2,149 | 1,422 | 1,253 | 1,489 | 1,196 | 11,500 | 11,590 |
| Total | 15,311 | 29,250 | 16,366 | 34,729 | 14,912 | 29,570 | 13,014 | 26,093 | 12,537 | 22,528 | 15,521 | 31,345 | 87,661 | 173,515 |

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS FIELDS

| Areas | January | | February | | March | | April | | May | | June | | Total Jan. to June | |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| | | | | | | | | | | | | | | |
| Domestic | 22,111 | 71,934 | 21,415 | 73,084 | 16,698 | 49,191 | 11,565 | 22,625 | 9,992 | 15,010 | 10,425 | 15,098 | 92,206 | 246,942 |
| Sub-Bituminous | 8,574 | 6,549 | 8,039 | 6,083 | 6,676 | 2,619 | 6,485 | 2,140 | 6,488 | 1,382 | 5,402 | 1,829 | 41,664 | 20,602 |
| Bituminous | 15,311 | 29,250 | 16,366 | 34,729 | 14,912 | 29,570 | 13,014 | 26,093 | 12,537 | 22,528 | 15,521 | 31,345 | 87,661 | 173,515 |
| Total | 45,996 | 107,733 | 45,850 | 113,896 | 38,286 | 81,380 | 31,064 | 50,858 | 29,017 | 38,920 | 31,348 | 48,272 | 221,531 | 441,059 |

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1932:

| Areas | July | | August | | September | | October | | November | | December | | Total | | Total for year 1932 | |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------|-----------------|
| | | | | | | | | | | | | | | | | |
| | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground | Above Ground | Below Ground |
| Coalepur | 4,855 | 1,188 | 4,853 | 1,461 | 5,862 | 3,105 | 7,144 | 3,021 | 7,817 | 3,460 | 7,972 | 3,780 | 38,503 | 16,015 | 74,313 | 25,204 |
| Pekisko | 29 | 71 | 18 | 47 | 65 | 57 | 24 | 51 | 40 | 79 | 27 | 46 | 203 | 351 | 482 | 678 |
| Fincher | 12 | 60 | 29 | 58 | 58 | 181 | 97 | 262 | 93 | 249 | 77 | 198 | 366 | 1,008 | 620 | 1,877 |
| Prairie Creek | 494 | 1,415 | 633 | 1,937 | 797 | 2,581 | 1,064 | 2,947 | 1,067 | 2,471 | 909 | 2,419 | 4,964 | 13,770 | 8,843 | 21,839 |
| Saunders | 249 | 303 | 444 | 1,057 | 567 | 1,244 | 558 | 1,533 | 526 | 1,486 | 530 | 1,283 | 2,874 | 6,906 | 4,316 | 9,054 |
| Total..... | 5,639 | 3,037 | 5,977 | 4,560 | 7,349 | 7,168 | 8,887 | 7,814 | 9,543 | 7,745 | 9,515 | 7,726 | 46,910 | 38,050 | 88,574 | 58,652 |

| BITUMINOUS COAL FIELD | | | | | | | | | | | | | | | | |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Cascade | 1,847 | 3,273 | 1,804 | 3,074 | 1,663 | 2,891 | 1,551 | 2,466 | 1,370 | 2,086 | 1,528 | 2,667 | 9,763 | 16,457 | 19,239 | 33,813 |
| Crow's Nest | 6,890 | 15,853 | 6,156 | 11,887 | 7,371 | 15,782 | 6,176 | 9,937 | 7,768 | 12,294 | 9,093 | 16,183 | 43,454 | 81,886 | 80,677 | 159,745 |
| Mountain Park | 4,302 | 7,904 | 4,537 | 8,830 | 5,909 | 10,083 | 5,470 | 13,441 | 6,108 | 12,662 | 4,949 | 10,479 | 31,295 | 63,399 | 60,757 | 130,309 |
| Nordegg | 1,454 | 1,163 | 1,481 | 1,436 | 1,771 | 2,300 | 1,891 | 2,663 | 1,800 | 2,277 | 1,774 | 1,936 | 10,171 | 11,775 | 21,671 | 23,365 |
| Total..... | 11,493 | 28,233 | 13,998 | 25,227 | 16,714 | 31,056 | 15,088 | 28,507 | 17,046 | 29,229 | 17,344 | 31,265 | 94,883 | 173,517 | 182,344 | 347,032 |

| TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|---------|---------|---------|---------|
| Domestic | 10,890 | 15,056 | 13,774 | 29,827 | 18,830 | 58,208 | 26,605 | 96,372 | 25,322 | 80,254 | 22,132 | 62,778 | 117,558 | 342,505 | 209,764 | 589,447 |
| Sub-Bituminous | 5,639 | 3,037 | 5,977 | 4,560 | 7,349 | 7,168 | 8,887 | 7,814 | 9,543 | 7,745 | 9,515 | 7,726 | 46,910 | 38,050 | 88,574 | 58,652 |
| Bituminous | 14,493 | 28,233 | 13,998 | 25,227 | 16,714 | 31,056 | 15,088 | 28,507 | 17,046 | 29,229 | 17,344 | 31,265 | 94,883 | 173,517 | 182,344 | 347,032 |
| Total..... | 31,022 | 46,326 | 33,749 | 59,614 | 42,893 | 96,432 | 50,580 | 132,693 | 51,911 | 117,228 | 48,991 | 101,769 | 259,151 | 554,072 | 480,682 | 995,131 |

Amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

| Areas | Round Timber linear ft. | Lumber B.M. | Ties, linear feet | Lag- ging linear ft. | Slabs Cords |
|-------------------|-------------------------------|----------------|-------------------------|-------------------------------|--------------------------------|
| Ardley | 49,912 | ..... | ..... | ..... | ..... |
| Big Valley | 13,027 | ..... | ..... | ..... | ..... |
| Brooks | 36,974 | ..... | ..... | ..... | ..... |
| Camrose | 218,712 | ..... | ..... | ..... | ..... |
| Carbon | 381,515 | 1,000 | ..... | ..... | ..... |
| Castor | 111,520 | 582 | ..... | ..... | ..... |
| Champion | 121,040 | ..... | ..... | ..... | ..... |
| Drumheller | 3,787,139 | 93,561 | ..... | ..... | 69 ¹ / ₂ |
| Edmonton | 2,355,500 | ..... | 48,365 | ..... | 116 |
| Gleichen | 19,454 | ..... | ..... | ..... | ..... |
| Halcourt | 11,860 | ..... | ..... | ..... | ..... |
| Lethbridge | 2,360,811 | 957,398 | 63,896 | ..... | 23 ¹ / ₂ |
| Magrath | 24,000 | ..... | ..... | ..... | ..... |
| Milk River | 13,452 | ..... | ..... | ..... | ..... |
| Pakan ..... | ..... | ..... | ..... | ..... | ..... |
| Pakowki | 9,594 | ..... | ..... | ..... | ..... |
| Pembina | 182,290 | ..... | 21,950 | ..... | ..... |
| Redcliff | 87,123 | ..... | ..... | ..... | ..... |
| Sheerness | 25,579 | ..... | ..... | ..... | ..... |
| Stevenville | 1,100 | 400 | ..... | ..... | ..... |
| Taber | 52,851 | 400 | ..... | ..... | ..... |
| Tofield | 12,815 | ..... | ..... | ..... | ..... |
| Wetaskiwin | 4,000 | ..... | ..... | ..... | ..... |
| Total..... | 9,880,268 | 1,062,331 | 134,211 | ..... | 209 |

SUB-BITUMINOUS

| | | | | | |
|---------------------|---------|-------|--------|--------|-------|
| Coalspur | 148,724 | ..... | ..... | ..... | ..... |
| Pekisko | 6,542 | ..... | ..... | ..... | ..... |
| Pincher | 12,083 | ..... | ..... | ..... | ..... |
| Prairie Creek | 139,664 | ..... | ..... | ..... | ..... |
| Saunders | 133,553 | 8,620 | 19,872 | 28,145 | ..... |
| Total | 446,566 | 8,620 | 19,872 | 28,145 | ..... |

BITUMINOUS

| | | | | | |
|---------------------|-----------|---------|-------|---------|-------|
| Cascade | 247,666 | ..... | ..... | 2,225 | ..... |
| Crow's Nest | 1,389,020 | 347,955 | ..... | 218,490 | ..... |
| Mountain Park | 1,118,018 | ..... | ..... | ..... | ..... |
| Nordegg | 670,599 | ..... | ..... | ..... | ..... |
| Total..... | 3,425,303 | 347,955 | ..... | 220,715 | ..... |

Particulars of Lamps in the Domestic Coal Field:

| | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Portable Electric Lamps, Edison Cap Type..... | 940 | 1,063 | 1,000 | 807 | 780 | 744 | 1,207 | 1,592 | 1,800 | 2,827 | 2,530 | 2,581 | 2,521 |
| Portable Electric Lamps, Ceag Hand Type | 35 | 35 | 35 | 35 | 43 | 43 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Portable Electric Lamps, Wico Cap Type | 500 | 500 | 500 | 500 | 569 | 560 | 275 | ..... | ..... | ..... | ..... | ..... | ..... |
| Portable Electric Lamps, Oldham Cap Type..... | ..... | ..... | ..... | ..... | 25 | 40 | ..... | ..... | ..... | ..... | ..... | 66 | 66 |
| Portable Electric Lamps, Wolfe Cap Type..... | 495 | 524 | 421 | 125 | 152 | 147 | 108 | 108 | 106 | 157 | 171 | 160 | 174 |
| Safety Lamps, Wolfe Flame Type ..... | ..... | 6 | ..... | 3 | 6 | 8 | 4 | 3 | ..... | ..... | ..... | ..... | ..... |
| Safety Lamps, Koehler Flame Type ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 1,770 | 2,128 | 1,956 | 1,470 | 1,575 | 1,542 | 1,594 | 1,703 | 1,906 | 2,784 | 2,701 | 2,807 | 2,761 |

Particulars of Lamps in the Sub-Bituminous Coal Field:

| | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Portable Electric Lamps, Edison Cap Type ..... | ..... | ..... | 54 | 78 | 62 | 41 | 120 | 120 | 140 | 161 | 184 | 387 | 350 |
| Safety Lamps, Wolfe Flame Type ..... | ..... | ..... | ..... | ..... | ..... | 110 | 42 | 39 | 45 | 37 | 25 | 51 | 59 |
| Total..... | ..... | ..... | 54 | 78 | 62 | 151 | 162 | 159 | 185 | 198 | 209 | 438 | 409 |

Particulars of Lamps in the Bituminous Coal Field:

| | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Portable Electric Lamps, Edison Cap Type..... | 2,214 | 2,612 | 2,849 | 3,545 | 3,485 | 2,952 | 3,024 | 3,378 | 3,510 | 3,310 | 3,458 | 4,458 | 3,005 |
| Portable Electric Lamps, Wheat Electric Cap Type..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11 | 12 | ..... | ..... | ..... |
| Portable Electric Lamps, Wolfe Electric Cap Type..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20 | 20 | 20 | 7 | ..... |
| Portable Electric Lamps, General Electric Cap Type..... | 71 | 71 | 71 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Portable Electric Lamps, Oldham Cap Type..... | ..... | ..... | 7 | 47 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Safety Lamps, Wolfe Flame Type | 1,441 | 1,301 | 1,218 | 1,186 | 894 | 703 | 554 | 633 | 468 | 363 | 345 | 353 | 337 |
| Safety Lamps, Koehler Flame Type ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8 | ..... | ..... | ..... | ..... | ..... |
| Total..... | 3,726 | 3,984 | 4,147 | 4,778 | 4,379 | 3,655 | 3,578 | 4,019 | 4,019 | 3,705 | 3,823 | 4,818 | 3,342 |

Quantity of Explosives used in pounds for blasting coal:

DOMESTIC COAL FIELD

| Areas | Name of Explosive | | | | | | | Total |
|------------------|-------------------|---------------|---------------|----------------|-----------------|--------------|---------------------|---------|
| | Pellet Powder | Monobel No. 4 | Monobel No. 6 | Monobel No. 12 | Stumping Powder | 40% Dynamite | 35% Special Forcite | |
| Ardley | 12,310 | 250 | ..... | 200 | ..... | ..... | ..... | 12,760 |
| Big Valley | 1,331 | ..... | ..... | ..... | ..... | ..... | ..... | 1,331 |
| Brooks | 7,100 | ..... | ..... | ..... | ..... | ..... | ..... | 7,100 |
| Camrose ..... | ..... | ..... | ..... | 280 | 50 | ..... | ..... | 330 |
| Carbon | 25,690 | 25 | ..... | ..... | ..... | ..... | ..... | 25,715 |
| Castor | 7,394 | 10 | ..... | ..... | ..... | ..... | ..... | 7,404 |
| Champion | 17,315 | ..... | ..... | ..... | ..... | ..... | ..... | 17,315 |
| Drumheller | 183,807 | 2,466 | ..... | 11,098 | ..... | ..... | ..... | 207,371 |
| Edmonton | 44,110 | 4,150 | ..... | 19,912 | 2,187 | ..... | ..... | 70,359 |
| Gleichen | 2,125 | ..... | ..... | ..... | ..... | ..... | ..... | 2,125 |
| Halcourt | 1,120 | ..... | ..... | ..... | ..... | ..... | ..... | 1,120 |
| Lethbridge | 33,056 | 27,705 | ..... | ..... | ..... | ..... | 1,200 | 61,961 |
| Magrath | 800 | ..... | 300 | ..... | ..... | 100 | ..... | 1,200 |
| Milk River | 2,183 | ..... | ..... | 450 | ..... | ..... | ..... | 2,633 |
| Pakowki | 755 | 35 | ..... | ..... | ..... | ..... | ..... | 790 |
| Pakan ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Pembina ..... | ..... | 10,440 | ..... | ..... | ..... | ..... | ..... | 10,440 |
| Redcliff | 1,700 | ..... | ..... | 1,350 | ..... | ..... | ..... | 3,050 |
| Sheerness | 7,135 | ..... | ..... | ..... | ..... | ..... | ..... | 7,135 |
| Steveville | 75 | ..... | ..... | ..... | ..... | ..... | ..... | 75 |
| Taber | 5,902 | 10 | ..... | ..... | ..... | ..... | ..... | 5,912 |
| Tofield | 8,449 | ..... | ..... | ..... | ..... | 100 | ..... | 8,549 |
| Wetaskiwin | 200 | ..... | ..... | ..... | ..... | ..... | ..... | 200 |
| No Area | 25 | ..... | ..... | ..... | ..... | ..... | ..... | 25 |
| Total..... | 362,582 | 45,091 | 300 | 33,290 | 2,237 | 200 | 1,200 | 444,900 |

SUB-BITUMINOUS COAL FIELD

| Areas | Name of Explosive | | | | Total |
|---------------------|-------------------|---------------|----------------|---------------------|---------|
| | Pellet Powder | Monobel No. 4 | Monobel No. 12 | 35% Special Forcite | |
| Coalspur ..... | ..... | 25,661 | 100 | 67,850 | 93,611 |
| Pekisko ..... | ..... | 244 | 45 | ..... | 289 |
| Pincher ..... | ..... | 853 | ..... | ..... | 853 |
| Prairie Creek | 190 | 35,747 | 4,094 | ..... | 40,031 |
| Saunders | 5,333 | 3,917 | ..... | ..... | 9,250 |
| Total..... | 5,523 | 66,422 | 4,239 | 67,850 | 144,034 |

BITUMINOUS COAL FIELD

| Areas | Name of Explosive | | | | Total |
|---------------------|-------------------|---------------|----------------|---------------------|---------|
| | Monobel No. 4 | Monobel No. 6 | Monobel No. 12 | 35% Special Forcite | |
| Cascade | 29,125 | 14,534 | 75 | ..... | 43,734 |
| Crow's Nest | 21,315 | 3,616 | ..... | ..... | 24,931 |
| Mountain Park ..... | ..... | 104,362 | ..... | 295 | 104,657 |
| Nordegg | 6,000 | ..... | ..... | ..... | 6,000 |
| Total..... | 56,440 | 122,512 | 75 | 295 | 179,322 |

THE MINES BRANCH

Number of tons of coal produced per pound of Explosive used for
blasting coal:

DOMESTIC COAL FIELD

| Areas | Number of tons mined | Number of pounds of explosive used | Tons of Coal mined per pound of explo- sive used |
|-------------------|-------------------------|---|--|
| Ardley | 18,409 | 12,760 | 1.44 |
| Big Valley | 4,738 | 1,331 | 3.56 |
| Brooks | 6,622 | 7,100 | .93 |
| Camrose | 42,376 | 330 | 128.00 |
| Carbon | 88,837 | 25,715 | 3.45 |
| Castor | 36,465 | 7,404 | 4.92 |
| Champion | 17,260 | 17,315 | .99 |
| Drumheller | 1,245,474 | 207,371 | 6.06 |
| Edmonton | 454,293 | 70,359 | 6.44 |
| Gleichen | 5,260 | 2,125 | 2.64 |
| Halcourt | 2,275 | 1,120 | 2.02 |
| Lethbridge | 386,243 | 61,961 | 6.23 |
| Magrath | 1,763 | 1,200 | 1.47 |
| Milk River | 4,051 | 2,633 | 1.54 |
| Pakowki | 2,571 | 790 | 3.25 |
| Pakan | 195 | | |
| Pembina | 99,051 | 10,440 | 9.48 |
| Redcliff | 24,045 | 3,050 | 7.88 |
| Sneerness | 24,658 | 7,135 | 3.46 |
| Stevenville | 136 | 75 | 1.08 |
| Taber | 14,193 | 5,912 | 2.40 |
| Tofield | 95,637 | 8,549 | 11.19 |
| Wetaskiwin | 180 | 200 | .90 |
| No Area | 53 | 25 | 2.01 |
| Total..... | 2,574,785 | 444,900 | 5.78 |

SUB-BITUMINOUS

| | | | |
|---------------------|---------|---------|------|
| Coalspur | 452,532 | 93,611 | 4.83 |
| Pekisko | 1,527 | 289 | 5.39 |
| Pincher | 2,729 | 853 | 3.20 |
| Prairie Creek | 66,784 | 40,031 | 1.67 |
| Saunders | 35,907 | 9,250 | 3.88 |
| Total..... | 559,479 | 144,034 | 3.87 |

BITUMINOUS

| | | | |
|---------------------|-----------|---------|-------|
| Cascade | 169,328 | 43,734 | 3.87 |
| Crow's Nest | 714,352 | 24,931 | 29.05 |
| Mountain Park | 711,383 | 104,657 | 6.97 |
| Nordegg | 138,657 | 6,000 | 23.11 |
| Total..... | 1,733,720 | 179,322 | 9.67 |

Estimated number of shots fired for Blasting Coal:

DOMESTIC COAL FIELD

| Areas | Electric Deton- ator | Electric Squibs | Fuse | Squibs | Total |
|-------------------|----------------------------|--------------------|---------|--------|---------|
| Ardley ..... | ..... | ..... | 9,310 | ..... | 9,310 |
| Big Valley ..... | ..... | ..... | 1,509 | ..... | 1,509 |
| Brooks ..... | ..... | ..... | 440 | 3,600 | 4,040 |
| Camrose | 644 | ..... | 100 | ..... | 744 |
| Carbon ..... | ..... | ..... | 25,505 | 2,027 | 27,532 |
| Castor ..... | ..... | ..... | 6,356 | 1,126 | 7,482 |
| Champion ..... | ..... | ..... | 8,595 | 10,873 | 19,468 |
| Drumheller | 25,262 | 50,250 | 104,810 | ..... | 180,323 |
| Edmonton | 2,497 | 5,699 | 28,992 | ..... | 37,188 |
| Gleichen ..... | ..... | ..... | 2,110 | 1,000 | 3,110 |
| Halcourt ..... | ..... | ..... | 890 | ..... | 890 |
| Lethbridge | 35,101 | 26,200 | 645 | 8,876 | 70,822 |
| Magrath ..... | ..... | ..... | 1,950 | ..... | 1,950 |
| Milk River ..... | ..... | ..... | 1,000 | 880 | 1,880 |
| Pakowki ..... | ..... | ..... | 492 | 2,050 | 2,542 |
| Pembina | 8,718 | ..... | ..... | ..... | 8,718 |
| Redcliff | 1,661 | ..... | ..... | 3,600 | 5,261 |
| Sheerness ..... | ..... | ..... | 7,950 | 650 | 8,600 |
| Stevenville ..... | ..... | ..... | 200 | ..... | 200 |
| Taber ..... | ..... | 50 | 475 | 7,326 | 7,851 |
| Tofield ..... | ..... | ..... | 5,195 | ..... | 5,195 |
| Wetaskiwin ..... | ..... | ..... | 400 | ..... | 400 |
| No Area ..... | ..... | ..... | 35 | ..... | 35 |
| Total | 73,884 | 82,199 | 206,959 | 42,008 | 405,050 |

SUB-BITUMINOUS

| | | | | | |
|---------------------|--------|-------|-------|-------|--------|
| Coalspur | 29,391 | ..... | 1,752 | ..... | 31,143 |
| Pekisko ..... | ..... | ..... | 560 | ..... | 560 |
| Pincher | 1,162 | ..... | ..... | ..... | 1,162 |
| Prairie Creek | 38,369 | ..... | ..... | ..... | 38,369 |
| Saunders | 8,520 | ..... | ..... | ..... | 8,520 |
| Total | 77,442 | ..... | 2,312 | ..... | 79,754 |

BITUMINOUS COAL FIELD

| | | | | | |
|---------------------|---------|-------|-------|-------|---------|
| Cascade | 65,363 | ..... | ..... | ..... | 65,363 |
| Crow's Nest | 24,136 | ..... | 100 | ..... | 24,236 |
| Mountain Park | 89,180 | ..... | 40 | ..... | 89,220 |
| Nordegg | 8,625 | ..... | ..... | ..... | 8,625 |
| Total | 187,304 | ..... | 140 | ..... | 187,444 |

THE MINES BRANCH

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

| Areas | Electric Deton- ator | Electric Squibs | Fuse | Squibs | Total |
|------------------|----------------------------|--------------------|-------|--------|-------|
| Ardley ..... | ..... | ..... | 26 | ..... | 26 |
| Big Valley ..... | ..... | ..... | 6 | ..... | 6 |
| Camrose | 3 | ..... | ..... | ..... | 3 |
| Carbon ..... | ..... | ..... | 13 | 2 | 15 |
| Castor ..... | ..... | ..... | 17 | 22 | 39 |
| Champion ..... | ..... | ..... | 15 | 7 | 22 |
| Drumheller | 4 | 21 | 109 | ..... | 134 |
| Edmonton ..... | ..... | 1 | 197 | ..... | 198 |
| Gleichen ..... | ..... | ..... | 3 | ..... | 3 |
| Halcourt ..... | ..... | ..... | 12 | ..... | 12 |
| Lethbridge | 3 | 12 | 2 | 4 | 21 |
| Magrath ..... | ..... | ..... | 6 | ..... | 6 |
| Milk River ..... | ..... | ..... | 1 | 2 | 3 |
| Pakowki ..... | ..... | ..... | 3 | 5 | 8 |
| Redcliff | 11 | ..... | ..... | ..... | 11 |
| Sheerness ..... | ..... | ..... | 17 | ..... | 17 |
| Taber ..... | ..... | ..... | ..... | 4 | 4 |
| Tofield ..... | ..... | ..... | 5 | ..... | 5 |
| Wetaskiwin ..... | ..... | ..... | 2 | ..... | 2 |
| Total..... | 21 | 34 | 434 | 46 | 535 |

SUB-BITUMINOUS

| | | | | | |
|----------------|-------|-------|-------|-------|----|
| Coalspur | 18 | ..... | ..... | ..... | 18 |
| Pekisko ..... | ..... | ..... | 1 | ..... | 1 |
| Saunders ..... | ..... | ..... | 5 | ..... | 5 |
| Total..... | 18 | ..... | 6 | ..... | 24 |

BITUMINOUS

| | | | | | |
|---------------------|----|-------|-------|-------|----|
| Cascade | 4 | ..... | ..... | ..... | 4 |
| Crow's Nest | 3 | ..... | 2 | ..... | 5 |
| Mountain Park | 22 | ..... | ..... | ..... | 22 |
| Total..... | 29 | ..... | 2 | ..... | 31 |

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province:

| Areas | Name of Explosive | | | | | | | | Total | |
|---------------|---------------------------|---------------------------|----------------------------|---------------------------|--------------------|-----------------|-----------------|------------------------------------|-------|------------------|
| | Polar Monobel No. 4 | Polar Monobel No. 6 | Polar Monobel No. 12 | Polar CXL-ITE No. 2 | Stumping Powder | 40% Dynamite | 60% Dynamite | 35% Special Polar Forcite | | Pellet Powder |
| Ardley | | | 40 | | | | 50 | | | 90 |
| Carbon | | | | | | 1,250 | | | 350 | 1,600 |
| Cascade | 100 | 267 | | 1,406 | | | | | | 1,773 |
| Castor | | | | | 1 | 175 | | | | 176 |
| Champion | | | | | | 645 | | | 564 | 1,209 |
| Coalspur | 25 | | | 206 | | | 32,957 | 2,850 | | 36,038 |
| Crow's Nest | | | | 3,268 | | | | | | 3,268 |
| Drumheller | 2,465 | | 6,469 | 107 | | 4,141 | 200 | | 1,100 | 14,482 |
| Edmonton | 113 | | | | 315 | 100 | 107 | | | 635 |
| Halcourt | | | | | 510 | | | | | 510 |
| Magrath | | | | | | | 600 | | | 600 |
| Lethbridge | 94 | | | | | 390 | | | | 394 |
| Mountain Park | | 8,312 | | 20,478 | | | 85,383 | | | 114,173 |
| Nordegg | | | | 250 | | | | | | 250 |
| Pekisko | 55 | | 6 | | | | | | | 61 |
| Prairie Creek | | | | 1,000 | | | | | | 1,000 |
| Pincher | 120 | | | | | | | | | 120 |
| Saunders | 200 | | | | | | | | | 200 |
| Sheerness | | | | | 4 | | 75 | | | 79 |
| Taber | | | 30 | | | 60 | | | 90 | 180 |
| Total | 3,172 | 8,579 | 6,545 | 26,715 | 830 | 6,796 | 119,247 | 2,850 | 2,104 | 176,838 |

THE MINES BRANCH

Estimated number of shots fired for blasting rock in Coal-Mines
in the Province:

| Areas | Electric Deton- ator | Electric Squibs | Fuse | Squibs | Total |
|---------------------|----------------------------|--------------------|--------|--------|--------|
| Ardley ..... | ..... | ..... | 110 | ..... | 110 |
| Carbon | 1,225 | ..... | 280 | 180 | 1,635 |
| Cascade | 4,550 | ..... | ..... | ..... | 4,550 |
| Castor ..... | ..... | ..... | 261 | ..... | 261 |
| Champion ..... | ..... | ..... | 930 | 200 | 1,130 |
| Coalspur | 3,570 | ..... | 453 | ..... | 4,023 |
| Crow's Nest | 4,547 | ..... | ..... | ..... | 4,547 |
| Drumheller | 11,233 | ..... | 10,207 | ..... | 21,440 |
| Edmonton | 864 | ..... | ..... | 47 | 911 |
| Halcourt ..... | ..... | ..... | 1,135 | ..... | 1,135 |
| Magrath ..... | ..... | ..... | 600 | ..... | 600 |
| Lethbridge | 269 | ..... | 90 | ..... | 359 |
| Mountain Park | 32,246 | ..... | ..... | ..... | 32,246 |
| Nordegg | 375 | ..... | ..... | ..... | 375 |
| Pekisko ..... | ..... | ..... | 100 | ..... | 100 |
| Prairie Creek | 956 | ..... | ..... | ..... | 956 |
| Pincher ..... | ..... | ..... | 160 | ..... | 160 |
| Saunders ..... | ..... | ..... | 400 | ..... | 400 |
| Sheerness ..... | ..... | ..... | 92 | ..... | 92 |
| Taber ..... | ..... | ..... | 220 | 100 | 320 |
| Total..... | 59,835 | ..... | 15,038 | 477 | 75,350 |

Number of miss-fire shots recorded in blasting rock in Coal-Mines
in the Province:

| | | | | | |
|---------------------|-------|-------|-------|-------|----|
| Castor ..... | ..... | ..... | 2 | ..... | 2 |
| Clampion ..... | ..... | ..... | ..... | 2 | 2 |
| Drumheller | 3 | ..... | 14 | ..... | 17 |
| Edmonton | 4 | ..... | ..... | ..... | 4 |
| Mountain Park | 8 | ..... | ..... | ..... | 8 |
| Total..... | 15 | ..... | 16 | 2 | 33 |

ELECTRICITY

The rules for the installation and use of electricity in or about mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 73 different mines in 1932. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

| Areas | No. of Mines using Electricity | Horse-power of Electrical Apparatus in use | | Total Horse-power |
|---------------------|--------------------------------|--|------------------------------------|-----------------------------------|
| | | Above Ground | Below Ground | |
| Ardley | 1 | ..... | 32 | 32 |
| Big Valley | 1 | 25 | 53 | 78 |
| Camrose | 1 | 15 | 7 ¹ / ₂ | 22 ¹ / ₂ |
| Carbon | 1 | 108 | 197 | 305 |
| Cascade | 1 | 705 | 175 | 880 |
| Coalspur | 6 | 1,254 ¹ / ₂ | 135 | 1,389 ¹ / ₂ |
| Crow's Nest | 6 | 10,329 | 2,110 | 12,439 |
| Drumheller | 23 | 3,333 | 4,910 | 8,243 |
| Edmonton | 7 | 698 | 855 | 1,553 |
| Gleichen | 1 | ..... | 5 | 5 |
| Lethbridge | 6 | 1,027 ¹ / ₂ | 741 ¹ / ₂ | 1,769 |
| Mountain Park | 3 | 1,658 | 1,240 | 2,898 |
| Nordegg | 1 | 1,200 ¹ / ₂ | 80 | 1,280 ¹ / ₂ |
| Pembina | 2 | 235 | 453 ¹ / ₂ | 688 ¹ / ₂ |
| Prairie Creek | 1 | 72 ¹ / ₂ | 185 | 257 ¹ / ₂ |
| Redcliff | 2 | 130 | 90 | 220 |
| Saunders | 3 | 112 ¹ / ₂ | 193 | 305 ¹ / ₂ |
| Taber | 4 | 10 | 115 | 125 |
| Total..... | 73 | 20,913 ¹ / ₂ | 11,577 ¹ / ₂ | 32,491 |

COAL-CUTTING MACHINERY

| Areas | No. of Machines operated by | | Tons of Coal mined by | |
|---------------------|-----------------------------|----------------|-----------------------|----------------|
| | Electricity | Compressed Air | Electricity | Compressed Air |
| Ardley | 1 | 2 | 10,641 | 1,772 |
| Big Valley | 1 | ..... | 1,639 | ..... |
| Carbon | 5 | 2 | 53,390 | 3,442 |
| Castor ..... | ..... | 1 | ..... | 2,150 |
| Coalspur | 1 | 11 | 833 | 25,054 |
| Crow's Nest | 1 | *135 | 730 | 115,163 |
| Drumheller | 95 | ..... | 1,190,619 | ..... |
| Edmonton | 16 | ..... | 245,431 | ..... |
| Gleichen ..... | ..... | 1 | ..... | 2,650 |
| Lethbridge | 5 | 86 | 78,873 | 233,572 |
| Pembina | 5 | ..... | 64,869 | ..... |
| Prairie Creek | 4 | ..... | 22,082 | ..... |
| Redcliff | 3 | ..... | 24,019 | ..... |
| Saunders | 3 | 11 | 5,413 | 30,494 |
| Taber | 4 | ..... | 4,927 | ..... |
| Total..... | 144 | 249 | 1,703,466 | 414,277 |

*Compressed air operated picks.

THE MINES BRANCH

ACCIDENTS

Summary table showing Accidents occurring in Mines during
1906 to 1932 inclusive:

| Year | Output | Accidents | | | Tons of Coal mined per accident | | |
|------------|-------------|-----------|---------|--------|------------------------------------|---------|---------|
| | | Fatal | Serious | Slight | Fatal | Serious | Slight |
| 1906 | 1,385,000 | 10 | 11 | 20 | 138,500 | 125,909 | 60,250 |
| 1907 | 1,334,745 | 19 | 18 | 68 | 96,565 | 101,930 | 26,981 |
| 1908 | 1,845,000 | 11 | 38 | 13 | 167,727 | 48,552 | 141,923 |
| 1909 | 2,174,329 | 9 | 42 | 18 | 241,952 | 51,769 | 120,796 |
| 1910 | 3,036,757 | 61* | 41 | 58 | 49,782 | 71,067 | 52,375 |
| 1911 | 1,694,564 | 7 | 32 | 45 | 242,080 | 52,955 | 37,656 |
| 1912 | 3,446,349 | 21 | 38 | 58 | 164,111 | 90,693 | 59,419 |
| 1913 | 4,306,346 | 28 | 60 | 83 | 152,789 | 71,772 | 51,883 |
| 1914 | 3,821,739 | 209† | 44 | 50 | 18,286 | 86,857 | 76,434 |
| 1915 | 3,434,891 | 18 | 33 | 33 | 190,827 | 104,087 | 104,087 |
| 1916 | 4,638,604 | 20 | 51 | 34 | 232,430 | 91,149 | 136,723 |
| 1917 | 4,863,414 | 24 | 62 | 39 | 202,642 | 78,442 | 124,703 |
| 1918 | 6,148,620 | 22 | 60 | 77 | 279,483 | 102,477 | 79,860 |
| 1919 | 5,022,412 | 21 | 56 | 54 | 239,162 | 89,685 | 93,008 |
| 1920 | 6,908,923 | 29 | 53 | 38 | 238,733 | 130,371 | 181,814 |
| 1921 | 5,937,195 | 21 | 64 | 25 | 282,721 | 92,769 | 237,488 |
| 1922 | 5,976,432 | 35 | 38 | 35 | 170,755 | 157,274 | 170,755 |
| 1923 | 6,866,923 | 22 | 44 | 10 | 312,133 | 156,066 | 686,692 |
| 1924 | 5,203,713 | 21 | 42 | 40 | 247,796 | 123,898 | 130,093 |
| 1925 | 5,883,394 | 30 | 59 | 56 | 196,113 | 99,718 | 105,060 |
| 1926 | 6,508,908 | 39 | 67 | 119 | 166,398 | 97,148 | 54,696 |
| 1927 | 6,936,780 | 26 | 76 | 115 | 266,799 | 91,273 | 60,320 |
| 1928 | 7,334,179 | 28 | 71 | 122 | 261,935 | 103,298 | 60,166 |
| 1929 | 7,147,250 | 31 | 69 | 98 | 230,556 | 103,583 | 72,931 |
| 1930 | 5,755,911 | 11 | 69 | 97 | 523,265 | 83,419 | 59,339 |
| 1931 | 4,563,309 | 16 | 75 | 73 | 285,207 | 60,844 | 62,511 |
| 1932 | 4,867,984 | 11 | 61 | 96 | 442,544 | 79,803 | 50,708 |
| Total..... | 127,553,581 | 800 | 1,374 | 1,474 | 159,442 | 92,841 | 86,535 |

*Including thirty-one deaths caused by the Bellevue explosion.

†Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Accidents during 1932, classified according to the Coal Field in
which they occurred:

| | | | | | | | |
|----------------------|-----------|---|----|----|---------|--------|---------|
| Domestic | 2,574,785 | 4 | 37 | 79 | 643,696 | 69,589 | 32,630 |
| Sub-Bituminous | 559,479 | 2 | 6 | 4 | 279,739 | 93,246 | 139,869 |
| Bituminous | 1,733,720 | 5 | 18 | 13 | 346,744 | 96,318 | 133,363 |

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1932:

| Year | Tonnage | Total No. of men employed | Fatal Accidents | | | Serious Accidents | | | Slight Accidents | | | Total | | |
|-------|-----------|---------------------------------|-----------------|--------------------------|------------------------------|-------------------|--------------------------|------------------------------|------------------|--------------------------|------------------------------|-------|--------------------------|------------------------------|
| | | | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed |
| 1915 | 3,434,391 | 6,445 | 18 | 5.24 | 2.79 | 33 | 9.63 | 5.12 | 33 | 9.63 | 5.12 | 84 | 24.45 | 13.03 |
| 1916 | 4,538,604 | 7,570 | 20 | 4.31 | 2.64 | 51 | 10.99 | 6.74 | 34 | 7.33 | 4.49 | 105 | 22.61 | 13.87 |
| 1917 | 4,863,414 | 8,310 | 24 | 4.93 | 2.89 | 62 | 12.75 | 7.46 | 39 | 8.02 | 4.69 | 125 | 25.91 | 15.01 |
| 1918 | 6,148,620 | 8,774 | 22 | 3.57 | 2.51 | 60 | 9.95 | 6.84 | 77 | 12.52 | 8.78 | 159 | 25.85 | 18.12 |
| 1919 | 5,022,412 | 7,573 | 21 | 4.18 | 2.78 | 56 | 11.15 | 7.39 | 54 | 10.75 | 7.13 | 131 | 26.28 | 17.30 |
| 1920 | 6,908,923 | 8,688 | 29 | 4.20 | 2.99 | 53 | 7.81 | 6.10 | 38 | 5.50 | 4.37 | 120 | 17.37 | 13.81 |
| 1921 | 5,937,153 | 10,610 | 21 | 3.54 | 2.10 | 64 | 10.78 | 6.39 | 25 | 4.23 | 2.50 | 110 | 18.53 | 10.99 |
| 1922 | 5,976,432 | 8,547 | 35 | 5.86 | 4.09 | 38 | 6.36 | 4.45 | 35 | 5.86 | 4.09 | 108 | 18.07 | 12.64 |
| 1923 | 6,866,323 | 9,927 | 22 | 3.19 | 2.21 | 44 | 6.32 | 4.43 | 10 | 1.45 | 1.00 | 76 | 11.07 | 7.65 |
| 1924 | 5,203,713 | 7,317 | 30 | 4.03 | 2.86 | 42 | 8.04 | 5.74 | 40 | 7.98 | 5.47 | 103 | 19.73 | 14.35 |
| 1925 | 5,883,394 | 8,774 | 30 | 5.10 | 3.40 | 59 | 10.03 | 3.42 | 56 | 9.32 | 6.38 | 143 | 24.65 | 16.33 |
| 1926* | 6,508,908 | 8,763 | 39 | 5.99 | 4.39 | 67 | 10.29 | 7.65 | 119 | 10.33 | 13.58 | 223 | 34.37 | 25.68 |
| 1927 | 6,936,780 | 9,016 | 26 | 3.75 | 2.88 | 76 | 10.96 | 8.43 | 115 | 16.50 | 12.71 | 217 | 31.28 | 24.06 |
| 1928 | 7,334,179 | 9,496 | 28 | 3.82 | 2.96 | 71 | 9.68 | 7.48 | 122 | 16.63 | 12.85 | 221 | 30.12 | 23.27 |
| 1929 | 7,147,250 | 9,572 | 31 | 4.34 | 3.24 | 69 | 9.65 | 7.21 | 98 | 13.71 | 10.24 | 198 | 27.70 | 20.30 |
| 1930 | 5,755,911 | 8,889 | 11 | 1.91 | 1.24 | 69 | 11.99 | 7.76 | 97 | 17.20 | 10.90 | 177 | 30.75 | 19.91 |
| 1931 | 4,563,309 | 8,070 | 16 | 3.51 | 1.98 | 75 | 16.44 | 9.27 | 73 | 16.00 | 9.04 | 164 | 35.92 | 20.32 |
| 1932 | 4,867,984 | 7,837 | 11 | 2.26 | 1.40 | 61 | 12.53 | 7.78 | 96 | 19.72 | 12.25 | 168 | 34.51 | 21.43 |

*Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co., Ltd.

THE MINES BRANCH

Number of tons produced per accident:

DOMESTIC COAL-MINES

| Area | Output | Average No. of men employed | No. of tons produced per accident | | | |
|-------------------|-----------|--------------------------------------|-----------------------------------|---------|--------|--------|
| | | | Fatal | Serious | Slight | Total |
| Ardley | 18,409 | 40 | ..... | ..... | 18,409 | 18,409 |
| Big Valley | 4,738 | 19 | ..... | ..... | ..... | ..... |
| Brooks | 6,622 | 7 | ..... | ..... | ..... | ..... |
| Camrose | 42,376 | 66 | ..... | ..... | ..... | ..... |
| Carbon | 88,837 | 160 | ..... | 88,837 | ..... | 88,837 |
| Castor | 36,465 | 74 | ..... | ..... | 18,237 | 18,237 |
| Champion | 17,260 | 48 | ..... | ..... | 8,630 | 8,630 |
| Drumheller | 1,245,474 | 1,909 | 622,787 | 62,278 | 47,903 | 25,947 |
| Edmonton | 454,293 | 700 | ..... | 45,429 | 15,665 | 11,649 |
| Gleichen | 5,260 | 12 | ..... | ..... | ..... | ..... |
| Halcourt | 2,275 | 7 | ..... | ..... | ..... | ..... |
| Lethbridge | 386,243 | 1,127 | 386,243 | 193,121 | 77,248 | 48,280 |
| Magrath | 1,763 | 8 | ..... | ..... | 1,763 | 1,763 |
| Milk River | 4,051 | 11 | ..... | ..... | ..... | ..... |
| Pakan | 195 | 4 | ..... | ..... | ..... | ..... |
| Pakowki | 2,571 | 9 | ..... | ..... | ..... | ..... |
| Pembina | 99,051 | 128 | 99,051 | 49,525 | 12,381 | 9,005 |
| Redcliff | 24,045 | 44 | ..... | ..... | 12,022 | 12,022 |
| Sheerness | 24,658 | 51 | ..... | ..... | ..... | ..... |
| Stevenville | 136 | 3 | ..... | ..... | ..... | ..... |
| Taber | 14,193 | 44 | ..... | 14,193 | 14,193 | 7,096 |
| Toffield | 95,637 | 73 | ..... | 95,637 | 95,637 | 47,818 |
| Wetaskiwin | 180 | 2 | ..... | ..... | ..... | ..... |
| No Area | 53 | 2 | ..... | ..... | ..... | ..... |
| Total..... | 2,574,785 | 4,548 | 643,696 | 69,589 | 32,630 | 21,457 |

SUB-BITUMINOUS

| | | | | | | |
|---------------------|---------|-----|---------|---------|---------|--------|
| Coalspur | 452,532 | 417 | 452,532 | 226,266 | 226,266 | 90,506 |
| Pekisko | 1,527 | 14 | ..... | ..... | ..... | ..... |
| Pincher | 2,729 | 13 | ..... | ..... | ..... | ..... |
| Prairie Creek | 66,784 | 134 | ..... | 22,261 | 33,392 | 13,357 |
| Saunders | 35,907 | 90 | 35,907 | 35,907 | ..... | 17,953 |
| Total..... | 559,479 | 668 | 279,739 | 93,246 | 139,869 | 44,123 |

BITUMINOUS

| | | | | | | |
|------------------------|-----------|-------|---------|---------|---------|--------|
| Cascade | 169,328 | 295 | 169,328 | 169,328 | 33,865 | 24,189 |
| Crow's Nest East | 353,090 | 618 | 176,545 | 88,272 | 88,272 | 35,309 |
| Crow's Nest West | 361,262 | 722 | 361,262 | 90,315 | 180,631 | 51,609 |
| Mountain Park | 711,383 | 735 | ..... | 88,923 | 711,383 | 77,931 |
| Nordegg | 138,657 | 251 | 138,657 | 138,657 | 138,657 | 46,219 |
| Total..... | 1,733,720 | 2,621 | 316,744 | 96,318 | 133,363 | 48,131 |

SUMMARY

| | | | | | | |
|----------------------|-----------|-------|---------|--------|---------|--------|
| Domestic | 2,574,785 | 4,548 | 643,696 | 69,589 | 32,630 | 21,457 |
| Sub-Bituminous | 559,479 | 668 | 279,739 | 93,246 | 137,869 | 44,123 |
| Bituminous | 1,733,720 | 2,621 | 346,744 | 96,318 | 133,363 | 48,131 |
| Total..... | 4,867,984 | 7,837 | 442,544 | 79,803 | 50,708 | 28,976 |

Classification of Accidents according to outputs of mines which produced during the year 1932:

| | Under 1,000 tons | From 1,000 to 5,000 tons | From 5,000 to 10,000 tons | From 10,000 to 50,000 tons | From 50,000 to 100,000 tons | From 100,000 to 150,000 tons | From 150,000 to 200,000 tons | Over 200,000 tons | Total |
|---------------|------------------------|-----------------------------------|------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|-------------------------|-------|
| Fatal | ... | ... | ... | 4 | ... | 3 | 3 | ... | 11 |
| Serious | 3 | 4 | ... | 16 | ... | 5 | 11 | ... | 61 |
| Slight | 4 | 6 | 1 | 21 | ... | 3 | 9 | 1 | 96 |
| Total | 7 | 10 | 1 | 41 | ... | 11 | 23 | 1 | 168 |

Tons of coal produced per accident

| | Under 1,000 tons | From 1,000 to 5,000 tons | From 5,000 to 10,000 tons | From 10,000 to 50,000 tons | From 50,000 to 100,000 tons | From 100,000 to 150,000 tons | From 150,000 to 200,000 tons | Over 200,000 tons | Total |
|---------------|------------------------|-----------------------------------|------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|-------------------------|---------|
| Fatal | 23,416 | 38,120 | ... | 204,576 | 1,522,248 | 178,526 | 458,816 | ... | 442,544 |
| Serious | 17,596 | 25,613 | ... | 51,144 | 69,148 | 107,116 | 125,131 | ... | 79,803 |
| Slight | ... | ... | 55,042 | 36,124 | 29,848 | 178,526 | 152,939 | 337,496 | 50,708 |
| Total | 10,055 | 15,248 | 55,042 | 19,960 | 20,571 | 48,690 | 59,846 | 337,496 | 28,976 |

FATAL ACCIDENTS DURING THE YEAR 1932

W. Cunningham, a miner, aged 35 years, in the mine operated by the Atlas Co., Ltd., at East Coulee, on January 19th, caused through a fall of rock. He, along with his partner, was erecting timber when a fall of rock took place, knocking him down. He received internal injuries and fractured pelvis, from the effects of which he died on January 24th.

Dan Vikulech, a miner, aged 38 years, in the mine operated by the Foothills Collieries, Ltd., at Foothills, on February 5th, caused through a fall of coal. He, along with two other men, was working in No. 12 pillar, a shot had been fired which left some coal hanging on the right hand side of the face. The shot-lighter instructed them to drill a shot hole in the lump, but in no case to go under the overhanging coal. Vikulech went under to shovel out some loose coal when the lump fell on top of him. Crushed chest, internal injuries, and fracture of left tibia, from the effects of which he died about 3½ hours later.

Joseph Oliver, a miner, aged 39 years, in the mine operated by the Cadillac Coal Co., Ltd., at Shaughnessy, on March 28th, caused through a fall of rock. He was working at the face of No. 3 room, 4 butt, when a fall of rock struck him on the lower part of his back. Fractured pelvis and femur, also internal injuries, from the effects of which he died in the hospital on April 1st.

Lawrence Trono, a miner, aged 42 years, in the mine operated by the Canmore Coal Co., Ltd., at Canmore, on April 19th, caused through a fall of rock. He was working at the face of No. 7 room, 55 slope, in the Morris seam, when a large nigger-head dropped from the coal face on to his leg knocking him down. He received compound fracture of the right patella, fractured pelvis and nose, from the effects of which he died in the Holy Cross Hospital, at Calgary, on April 22nd.

John Wynnchuk, a miner, aged 48 years, in the mine operated by the Hillcrest Collieries, Ltd., at Hillcrest, on April 22nd, caused through a fall of coal. He, along with his partner, was pushing a loaded car from the face of 855 cross-pitch room when a piece of coal fell from the rib side and knocked out a prop, which struck him on the head. Fracture of second cervical vertebrae, causing instant death.

David Gardiner, a miner, aged 43 years, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., at Coleman, on May 31st, caused through a fall of rock when timbering. He was setting up timber at the face of No. 7 pillar when a fall of rock occurred, striking him on his back. Neck broken, causing instant death.

Steve Sepcik, a driver, aged 45 years, in the mine operated by the Hillcrest Collieries, Ltd., at Hillcrest, on August 10th, caused through him being jammed between cars. He was standing on the parting No. 3 level south, on to which a loaded car was being brought. He stepped in front of the car, and was crushed between it and loaded cars standing on the parting, causing compound fracture of the right leg. He died the following morning from shock and loss of blood.

Frank Boccimuzzi, a miner, aged 49 years, in the mine operated by Bighorn & Saunders Creek Collieries, Ltd., at Saunders, on September 7th, caused through a fall of rock. He was drilling a shot hole at the face of No. 10 room off 7 incline when a piece of clod dropped on to his back. Fracture of neck and back, causing instant death.

Pellegrino Vito, a miner, aged 58 years, in the mine operated by the Brazeau Collieries, Ltd., at Nordegg, on September 16th, caused through a fall of rock. He, along with his partner, was working at the face of No. 3 pillar, when a fall of rock occurred which knocked out the timbers, burying him. He was dead when taken out some hours later, death being caused through suffocation.

Sam Mantie, a miner, aged 39 years, in the mine operated by the Sovereign Coal Mining Co., Ltd., at Wayne, on November 18th, caused through a fall of rock. He was loading coal at the face of No. 42 room off No. 12 north when a fall of rock took place. A large piece of rock struck him, crushing his head, causing instant death.

Sam Loyie, a tippie labourer, aged 40 years, at the mine operated by the Lakeside Coals, Ltd., at Wabamun, on December 5th, caused through him being crushed between a box car and the tippie. He was lowering a box car to the tippie, riding on top of the car, and was caught between the brake wheel and a chute. Fractured pelvis and burst bladder, from the effects of which he died in the Royal Alexandra Hospital at Edmonton, on January 1st, 1933.

In addition to the above fatal accidents, there occurred an accident which caused instant death to L. F. Kesler, on January 25th, through a fall of coal when illegally mining coal from an abandoned opening on the river banks near Diamond City.

Accidents as they occurred by months during the year 1932:

| Months | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|-----------------|--------------|---------|--------|-------|--------------|---------|--------|-------|------------------------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| January | | 2 | 2 | 4 | 1 | 6 | 7 | 14 | 18 |
| February | | 1 | 2 | 3 | 1 | 13 | 9 | 23 | 26 |
| March | | 1 | 1 | 2 | 1 | 3 | 8 | 12 | 14 |
| April | | | 1 | 1 | 2 | 4 | 4 | 10 | 11 |
| May | | 1 | | 1 | 1 | | 2 | 3 | 4 |
| June | | | 3 | 3 | | | 3 | 3 | 6 |
| July | | 1 | 2 | 3 | | | 7 | 7 | 10 |
| August | | | 3 | 3 | 1 | 6 | 3 | 10 | 13 |
| September | | 1 | 1 | 2 | 2 | 3 | 6 | 11 | 13 |
| October | | | 2 | 2 | | 3 | 7 | 10 | 12 |
| November | | 1 | 2 | 3 | 1 | 10 | 10 | 21 | 24 |
| December | 1 | 1 | 2 | 4 | | 4 | 9 | 13 | 17 |
| Total..... | 1 | 9 | 21 | 31 | 10 | 52 | 75 | 137 | 168 |

Accidents occurring in the Province above and below ground during the year 1932:

| Cause | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|------------------------------|--------------|---------|--------|-------|--------------|---------|--------|-------|------------------------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| Haulage | | 3 | 2 | 5 | 1 | 16 | 28 | 45 | 50 |
| Falls of rock | | | | | 7 | 17 | 8 | 32 | 32 |
| Falls of coal | | | | | 2 | 11 | 9 | 22 | 22 |
| Shot-firing | | | 1 | 1 | | 1 | 6 | 7 | 8 |
| Coal-cutting machinery | | | | | | 1 | 5 | 6 | 6 |
| Ignition of gas | | | | | | | 3 | 3 | 3 |
| Loading coal | | | 2 | 2 | | 2 | 5 | 7 | 9 |
| Timbering | | | | | | 2 | 3 | 5 | 5 |
| Shaft | | | | | | 1 | 1 | 2 | 2 |
| R. R. cars | 1 | 1 | 1 | 3 | | | | | 3 |
| Tippie machinery | | 1 | 1 | 2 | | | | | 2 |
| Open clay pit | | | 2 | 2 | | | | | 2 |
| Miscellaneous | | 1 | 12 | 13 | | 1 | 7 | 8 | 24 |
| Total..... | 1 | 9 | 21 | 31 | 10 | 52 | 75 | 137 | 168 |

THE MINES BRANCH

Accidents occurring in the Province above and below ground for the year 1932, classified according to the area in which they occurred:

DOMESTIC

| Area | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|------------------|--------------|---------|--------|-------|--------------|---------|--------|-------|------------------------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| Ardley | | | | | | | 1 | 1 | 1 |
| Carbon | | | | | | 1 | | 1 | 1 |
| Castor | | | | | | | 2 | 2 | 2 |
| Champion | | | | | | | 2 | 2 | 2 |
| Drumheller | | 1 | 3 | 4 | 2 | 19 | 23 | 44 | 48 |
| Edmonton | | 2 | 5 | 7 | | 8 | 24 | 32 | 39 |
| Lethbridge | | 1 | 1 | 2 | 1 | 2 | 4 | 7 | 8 |
| Magrath | | | 1 | 1 | | | | | 1 |
| Pembina | 1 | | 3 | 4 | | 2 | 5 | 7 | 11 |
| Redcliff | | | 2 | 2 | | | | | 2 |
| Rochester | | | | | | | 1 | 1 | 1 |
| Taber | | | 1 | 1 | | 1 | | 1 | 2 |
| Tofield | | | | | | 1 | 1 | 2 | 2 |
| Total..... | 1 | 3 | 16 | 20 | 3 | 34 | 63 | 100 | 120 |

SUB-BITUMINOUS

| | | | | | | | | | |
|---------------------|--|---|---|---|---|---|---|---|----|
| Coalspur | | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 5 |
| Prairie Creek | | | 1 | 1 | | 3 | 1 | 4 | 5 |
| Saunders | | | | | 1 | 1 | | 2 | 2 |
| Total..... | | 1 | 2 | 3 | 2 | 5 | 2 | 9 | 12 |

BITUMINOUS

| | | | | | | | | | |
|-----------------------|--|---|---|---|---|----|----|----|----|
| Cascade | | | | | 1 | 1 | 5 | 7 | 7 |
| Crow's Nest (East)... | | | 1 | 1 | 2 | 4 | 3 | 9 | 10 |
| Crow's Nest (West)... | | 2 | | 2 | 1 | 2 | 2 | 5 | 7 |
| Mountain Park | | 3 | 1 | 4 | | 5 | | 5 | 9 |
| Nordegga | | | 1 | 1 | 1 | 1 | | 2 | 3 |
| Total..... | | 5 | 3 | 8 | 5 | 13 | 10 | 28 | 36 |

Classification of Accidents according to the Coal Fields in which they occurred:
DOMESTIC

| Cause | Above Ground | | | Below Ground | | | Total Above and Below Ground |
|---|--------------|---------|--------|--------------|-------|---------|---------------------------------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Total |
| Endless Rope Haulage, fell in front of trip..... | | | | | | | |
| Main and Tail Rope Haulage, struck by timber knocked out by rope..... | | | | | | 1 | 1 |
| Rope Haulage, struck by runaway car..... | | | | | | 1 | 1 |
| Storage battery, electric locomotive, slipped and fell against car..... | | | | | | 1 | 1 |
| Horse Haulage, fell in front of car..... | | | | | | 1 | 1 |
| Horse Haulage, slipped between cars when coupling same..... | | | | | | 3 | 3 |
| Horse Haulage, slipped between cars..... | | | | | | 1 | 1 |
| Horse Haulage, foot caught in switch, struck by loaded cars..... | | | | | | 1 | 1 |
| Horse Haulage, stepped in front of moving cars..... | | | | | | 1 | 1 |
| Horse Haulage, finger crushed between car and rail..... | | | | | | 1 | 1 |
| Horse Haulage, struck by butt stick on harness..... | | | | | | 1 | 1 |
| Horse Haulage, jammed between horse and car..... | | | | | | 1 | 1 |
| Horse Haulage, jacking up derailed car struck by jack bar..... | | | 1 | 1 | | | 1 |
| Manual Haulage, hand jammed between roof and piece of coal on top of the car..... | | | | | | 1 | 1 |
| Manual Haulage, slipped and fell inside of car..... | | | | | | 1 | 1 |
| Manual Haulage, arm jammed between car and face of coal..... | | | | | | 2 | 2 |
| Manual Haulage, caught between car and side of entry..... | | | | | | 1 | 1 |
| Manual Haulage, hand caught between bumper and rail when lifting car..... | | | | | | 2 | 2 |
| Manual Haulage, slipped and fell when pushing car..... | | | | | | 1 | 1 |
| Manual Haulage, slipped and fell while lifting car..... | | | | | | 4 | 4 |
| Manual Haulage, pulling car which ran over his foot..... | | | | | | 6 | 6 |
| Manual Haulage, jammed when walking on tippie..... | | | | | | 1 | 1 |
| Manual Haulage, jammed between moving cars..... | | | | 1 | | | 1 |
| Fall of rock at face of room..... | | | | | | 1 | 1 |
| Fall of rock at face of entry..... | | | | | 2 | | 2 |
| Fall of rock on the roadway in the room..... | | | | | | 11 | 11 |
| Fall of rock while timbering..... | | | | | | 1 | 1 |
| Fall of clay when brushing on entry..... | | | | | 1 | | 1 |
| Fall of coal at face of room..... | | | | | | 1 | 1 |
| Fall of coal and nigger head at face of entry..... | | | | | | 2 | 2 |
| Fall of coal in longwall face..... | | | | | | 9 | 9 |
| Shot-firing, went back too soon after firing shot..... | | | | | | 1 | 1 |
| Shot-firing, burnt by flame from shot which blew through a pillar..... | | | | | | 1 | 1 |
| Shot-firing, burnt by flame of gas ignited by shot..... | | | | | | 2 | 2 |
| Shot-firing, struck by flying coal from shot in stripping pit..... | | | | | | 1 | 1 |
| Electric coal-cutting machinery, struck by jack pole..... | | | 1 | 1 | | | 1 |
| Electric coal-cutting machinery, finger caught in feed chain..... | | | | | | 3 | 3 |
| Electric coal-cutting machinery, feed chain broke and struck on the leg..... | | | | | | 1 | 1 |
| Ignition of gas from fire..... | | | | | | 1 | 1 |
| | | | | | | 3 | 3 |

DOMESTIC—Continued

| Cause | Above Ground | | | Below Ground | | | Total Above and Below Ground |
|--|--------------|---------|--------|--------------|-------|---------|------------------------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Total |
| Loading coal, slipped while shovelling coal... | | | 1 | 1 | | | 1 |
| Loading coal, car slipped off rails when he was loading same. | | | | | | 1 | 1 |
| Loading coal, a piece fell on his foot. | | | | | | | 3 |
| Loading coal, shovelling in box car bumped his elbow. | | | 1 | 1 | | | 1 |
| Loading coal, hand jammed against side of car. | | | | | | | 2 |
| Timbering, axe slipped, cutting off finger. | | | | | | 1 | 1 |
| Timbering, axe slipped, cutting his foot. | | | | | | 1 | 1 |
| Timbering, axe slipped, cutting his leg. | | | | | | 1 | 1 |
| Timbering, axe slipped, cutting his foot. | | | | | | 1 | 1 |
| Shaft, thrown from cage when entering same. | | | | | | 1 | 1 |
| Shaft, struck by piece of coal falling down shaft. | | | | | | 1 | 1 |
| Struck by clay rolling down bank of clay pit. | | | 2 | 2 | | | 2 |
| R.R. car, lowering, caught between tippie and R.R. car. | 1 | | | 1 | | | 1 |
| R.R. car, struck by cable which broke when pulling box car. | | | 1 | 1 | | | 1 |
| Miscellaneous, firing boiler, burnt by flames which flashed back. | | | 1 | 1 | | | 1 |
| Miscellaneous, filling tank wagon, slipped and fell. | | | 1 | 1 | | | 1 |
| Miscellaneous, riveting angle-iron to a plate which fell on his hand. | | | 1 | 1 | | | 1 |
| Miscellaneous, carrying a rail, hand caught between rail and timber. | | | | | | | 1 |
| Miscellaneous, fell off ladder while stringing electric cable. | | | 1 | 1 | | | 1 |
| Miscellaneous, slipped while carrying tools. | | | | | | | 1 |
| Miscellaneous, trimming timber, struck by piece of coal off tippie. | | 1 | | 1 | | | 1 |
| Miscellaneous, moving pipes, one of which struck his foot. | | | 1 | 1 | | | 1 |
| Miscellaneous, driving a horse hauling a cart, wheel passed over his foot. | | | | | | | 1 |
| Miscellaneous, repairing box car loader, slipped and fell. | | | 1 | 1 | | | 1 |
| Miscellaneous, stepped into open trap door in lamp house. | | | 1 | 1 | | | 1 |
| Miscellaneous, burnt from ignition of carbide when opening can. | | | 1 | 1 | | | 1 |
| Miscellaneous, hand blistered while shovelling. | | | | | | | 1 |
| Miscellaneous, slipped and fell on the heater in the bath house. | | 1 | | 1 | | | 1 |
| Total..... | 1 | 3 | 16 | 20 | 3 | 34 | 100 |
| | | | | | | | 120 |

SUB-BITUMINOUS

| Cause | Above Ground | | | Total | Below Ground | | | Total |
|---|--------------|---------|--------|-------|--------------|---------|--------|-------|
| | Fatal | Serious | Slight | | Fatal | Serious | Slight | |
| Fall of rock at face of room. | | | | | | | | 1 |
| Fall of rock when timbering. | | | | | 1 | | | 1 |
| Fall of coal in pillar workings. | | | | | | 1 | | 1 |
| Fall of coal at longwall face. | | | | | 1 | | | 1 |
| Electric coal-cutting machinery, finger crushed by machine falling on same. | | | | | | 2 | | 2 |
| Timbering, axe slipped, striking his hand. | | | | | | | 1 | 1 |
| Tippie machinery, crushed between cars and rotary dump. | | 1 | | 1 | | | | 1 |

| | | | | | |
|---|---|---|---|---|----|
| Tippie machinery, repairing chute which dropped on his foot..... | 1 | 1 | 1 | 1 | 1 |
| Miscellaneous, climbing ladder, which broke, causing him to fall..... | | | | 1 | 1 |
| Miscellaneous, lifting car, slipped and jammed between car and brushing..... | | | | | 1 |
| Miscellaneous, struck by piece of coal dropping off tippie on to his head..... | 1 | 2 | 3 | 2 | 5 |
| Total..... | 1 | 2 | 3 | 2 | 9 |
| | | | | | 12 |

BITUMINOUS

[illegible]

THE MINES BRANCH

Accidents during 1932, classified according to the Mine in the Domestic Field in which they occurred:

| Name of Operator | Area | Above Ground | | | Below Ground | | | Total Above and Below ground | |
|---|------------|--------------|---------|--------|--------------|---------|--------|--|-------|
| | | Fatal | Serious | Slight | Fatal | Serious | Slight | | |
| | | | | | | | | | Total |
| Super-Heat Coal Co., Ltd. | Ardley | | | | | | | 1 | 1 |
| Peerless Carbon Collieries | Carbon | | | | | 1 | | 1 | 1 |
| James, A. J. | Castor | | | | | | | 1 | 1 |
| Fry & Graf | Castor | | | | | | | 1 | 1 |
| Fraser, Alex. | Champion | | | | | | | 1 | 1 |
| Ellis & Watkins | Champion | | | | | | | 1 | 1 |
| Newcastle Coal Co., Ltd. | Drumheller | | | | | 3 | | 3 | 3 |
| Rosedale Coal Co., Ltd. | Drumheller | | | | | 5 | | 5 | 5 |
| Rose Deer Coal Mining Co., Ltd. | Drumheller | | | 1 | | | | 1 | 1 |
| Midland Coal Mining Co., Ltd. | Drumheller | | | | | 3 | | 3 | 3 |
| Thomas Coal Co., Ltd., The | Drumheller | | | | | 3 | | 3 | 3 |
| Great West Coal Co., Ltd. | Drumheller | | | | | 1 | | 1 | 1 |
| Sovereign Coal Mining Co., Ltd. | Drumheller | | | | | 3 | 6 | 9 | 10 |
| Jewel Collieries, Ltd. | Drumheller | | | | | | | | 1 |
| Murray Collieries, Limited | Drumheller | | | | | | | | 1 |
| Western Gem Coal Co., Ltd. | Drumheller | | | 3 | | | | | 3 |
| Hy-Grade Coal Co. of Drumheller, Ltd. | Drumheller | | | | | 1 | | 1 | 1 |
| Atlas Coal Co., Ltd. | Drumheller | | | | | | | | 1 |
| Empire Collieries, Ltd. (Arcadia No. 1) | Drumheller | | | | | 1 | | 1 | 1 |
| Aetna Coal Co., Ltd. | Drumheller | | | | | 1 | | 1 | 1 |
| Ideal Coal Co., Ltd. | Edmonton | | | | | | | | 1 |
| Hancock-Jones Lumber Co., Ltd. (Trustees for the Creditors) | Edmonton | | | 1 | | | | 1 | 1 |
| Ottewell Coal Co. | Edmonton | | | | | | | | 1 |
| Great West Coal Co., Ltd. | Edmonton | | | | | 1 | | 1 | 1 |
| Dawson Coal, Limited | Edmonton | | | | | 2 | 19 | 21 | 22 |
| Penn Coals, Ltd. | Edmonton | | | 3 | | | | 3 | 3 |
| Marcus Coals, Ltd. | Edmonton | | | 1 | | | | 1 | 1 |
| Nimko, Kost & Partners | Edmonton | | | | | | | | 1 |
| Snoski, Mike | Edmonton | | | | | | | | 1 |
| Bon Accord Coal Co., Ltd. | Edmonton | | | | | 1 | | 1 | 1 |
| Poholka, Steve | Edmonton | | | | | | | | 1 |
| Beverly, Limited | Edmonton | | | | | | | | 1 |
| Vitaly, Mike & Partners | Edmonton | | | | | 1 | | 1 | 1 |
| Canadian Pacific Railway (Dept. Nat. Res.) | Lethbridge | | | | | 2 | | 2 | 2 |
| Coal Producers, Ltd. | Lethbridge | | | | | | | | 2 |
| Royal Lethbridge Collieries | Lethbridge | | | 1 | | | | 1 | 1 |
| Cadillac Coal Co., Ltd. | Lethbridge | | | | | | | | 2 |
| Fitzpatrick, J. W. | Macraeth | | | | | 1 | | 1 | 1 |
| Coal Producers, Ltd. | Pembina | | | 1 | | | | 1 | 1 |
| Lakeside Coals, Limited | Pembina | | | 2 | | | | 2 | 2 |
| Redcliff Pressed Brick Co., Ltd. | Redcliff | | | 2 | | | | 2 | 2 |

[illegible]

SUB-BITUMINOUS

[illegible]

BITUMINOUS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Canmore Coal Co., Ltd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

SUMMARY

| | 1 | 3 | 16 | 20 | 3 | 34 | 63 | 100 | 120 |
|----------------------|-------|---|----|----|----|----|----|-----|-----|
| Domestic | 1 | 3 | 16 | 20 | 3 | 34 | 63 | 100 | 120 |
| Sub-Bituminous ..... | ..... | 1 | 2 | 3 | 2 | 5 | 2 | 9 | 12 |
| Bituminous ..... | ..... | 5 | 3 | 8 | 5 | 13 | 10 | 28 | 36 |
| Total..... | 1 | 9 | 21 | 31 | 10 | 52 | 75 | 137 | 168 |

LIST OF PROSECUTIONS INSTITUTED UNDER THE COAL-MINES REGULATION ACT DURING 1932:

| Mine in which Contravention was Committed | Description of Defendant | Offence Charged | Result of Proceedings | Penalty | Costs |
|--|--------------------------|--|-----------------------|--|--------|
| Formerly operated by A. C. Paterson, now abandoned | Farmer | Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22 | Convicted | Nil | Nil |
| Formerly operated by A. C. Paterson, now abandoned | Farmer | Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22 | Convicted | Nil | Nil |
| Formerly operated by A. C. Paterson, now abandoned | Farmer | Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22 | Convicted | Nil | Nil |
| Superior Grade Coal Co., Ltd. | Mine Owner | Did work the mine with more than 30 men underground in a day without a manager holding a first-class certificate in charge | Convicted | Fined \$25.00 | \$5.45 |
| Vanbesien & Duquesne | Owner | Permitted persons who were not qualified to work at working face. Sec. 48 (e) | Convicted | Fined \$5.00 | 1.00 |
| Vanbesien & Duquesne | Owner | Permitted persons who were not qualified to work at working face. Sec. 48 (e) | Convicted | Fined \$5.00 | 1.00 |
| Vanbesien & Duquesne | Overman | Permitted persons who were not qualified to work at working face. Sec. 48 (e) | Convicted | Fined \$1.00 | 1.00 |
| Vanbesien & Duquesne | Car Pusher | Worked at working face as a coal-miner without having a certificate of competency | Convicted | Fined \$5.00 | 1.00 |
| Vanbesien & Duquesne | Car Pusher | Worked at working face as a coal-miner without having a certificate of competency | Convicted | Fined \$1.00 | 1.00 |
| Chipman Creek Mine | Farmer | Illegally mining coal without being in possession of a coal-miner's certificate | Convicted | Costs of Court | 4.15 |
| Chipman Creek Mine | Farmer | Illegally mining coal without being in possession of a coal-miner's certificate | Convicted | Costs of Court | 4.15 |
| Chipman Creek Mine | Farmer | Illegally mining coal without being in possession of a coal-miner's certificate | Convicted | Costs of Court | 3.50 |
| Chipman Creek Mine | Farmer | Entering a mine without the mine being examined by a certificated person. Sec. 87, Rule 1 (12) | Convicted | Fined \$15.00 and costs or 30 days in jail | 4.50 |
| West. Can. Coll., Ltd. (Bellevue) | Asst. Overman | Contravening Sec. 87, Rule 28, by committing an act likely to cause danger to himself or any person | Convicted | Fined \$10.00 and costs or 30 days in jail | 5.75 |
| Canmore Coal Co., Ltd. | Examiner | Failed to supervise loading and stemming of shot holes | Convicted | Fined \$20.00, or 30 days in jail | 4.75 |
| Canmore Coal Co., Ltd. | Examiner | Giving out detonators to workmen, same not being contained in locked canisters | Convicted | Fined \$15.00, or 30 days in jail | 2.75 |
| Aetna Coal Co., Ltd. (This case held over from Dec. 3, 1931.) | Mine Manager | Failed to observe hours of employment underground, allowed workmen to be underground for longer than time fixed by the Act | Convicted | Fined \$25.00 | 4.25 |

| | | | | |
|---|--|-----------------|---|-------|
| Coal Producers, Ltd. (Evansburg) Mine Manager | Did allow three miners to work more than 8 hours during April 19th, 1932 | Convicted | Fined \$50.00 | 3.75 |
| H. McNaughton | Operated a coal-mine without having an overman in charge of underground workings | Convicted | Fined \$1.00 | 2.00 |
| Mohawk Bituminous Mines, Ltd. | Examiner and Shot-lighter | Convicted | Fined \$10.00 and costs or 30 days in jail..... | 5.00 |
| Christian Lanz | Owner | Convicted | Fined \$5.00, or 14 days in jail | 4.00 |
| Mohawk Bituminous Mines, Ltd. | Miner | Convicted | Fined \$1.00 and costs.. | 19.25 |
| Benjamin Oliver | Farmer | Convicted | Nil | Nil |

Number of Mines opened, abandoned, and re-opened according to Areas and Kind of Coal, during the year:

| Area | Number | Character of Coal | No. of Mines in operation Dec. 31, '32 | Mines opened during year | Mines re-opened during year | Mines closed but not abandoned | Mines abandoned during year | Name and Address of District Inspector of Mines |
|------------------------|--------|----------------------|--|--------------------------|-----------------------------|--------------------------------|-----------------------------|---|
| Ardley | 1 | Domestic | 13 | 1 | | 1 | 4 | B. Nugent, Camrose, Alta. Tele. No. 72. |
| Big Valley | 2 | Domestic | 5 | 1 | ..... | 1 | ..... |  |
| Camrose | 3 | Domestic | 16 | ..... | 1 | ..... | ..... |  |
| Carbon | 6 | Domestic | 17 | 1 | 1 | 1 | 4 | |
| Castor | 9 | Domestic | 38 | 2 | 2 | 2 | 8 | |
| Edmonton | 15 | Domestic | 34 | 4 | 2 | 2 | ..... |  |
| Pakan | 27 | Domestic ..... | ..... | 1 | ..... | 1 | ..... |  |
| Tofield | 42 | Domestic | 4 | | | | | J. B. deHart, Lethbridge, Alta. Tele. No. 3325. |
| Wetaskiwin | 45 | Domestic | 1 | ..... | ..... | ..... | 1 | |
| Brooks | 3 | Domestic | 3 | 2 | 1 | ..... | 1 | |
| Champion | 9 | Domestic | 9 | ..... | ..... | 1 | 3 | |
| Lethbridge | 20 | Domestic | 20 | ..... | ..... | ..... | 1 | |
| Magrath | 21 | Domestic | 3 | 1 | ..... | 1 | 1 | |
| Milk River | 22 | Domestic | 3 | 1 | ..... | 1 | 1 | |
| Pakowki | 28 | Domestic | 7 | | | | | Thos. Horne, Edson, Alta., Tele. 35, Residence |
| Pekisko | 30 | Sub-Bituminous | 5 | 1 | ..... | 1 | ..... |  |
| Redcliff | 34 | Domestic | 2 | ..... | ..... | ..... | ..... |  |
| Taber | 41 | Domestic | 17 | 1 | 2 | ..... | 4 | |
| Coalspur | 11 | Sub-Bituminous | 7 | ..... | 1 | ..... | 2 | |
| Mountain Park | 24 | Bituminous | 4 | 1 | ..... | 1 | ..... |  |
| Pembina | 31 | Domestic | 4 | 1 | ..... | ..... | 2 | |
| Prairie Creek | 33 | Sub-Bituminous | 2 | | | | | Moses Johnson, Blairmore, Alta. Tele. No. 70. |
| West Crow's Nest | 12 | Bituminous | 4 | ..... | ..... | ..... | ..... |  |
| Cascade | 7 | Bituminous | 2 | ..... | ..... | ..... | ..... |  |
| East Crow's Nest | 13 | Bituminous | 5 | ..... | ..... | 1 | ..... |  |
| Morley | 23 | Sub-Bituminous ..... | ..... | 1 | ..... | 1 | ..... |  |
| Nordegg | 25 | Bituminous | 1 | ..... | ..... | ..... | ..... |  |
| Pincher | 32 | Sub-Bituminous | 4 | 1 | 2 | 1 | 4 | |
| No Area | | Domestic | 1 | 1 | | | | W. G. Heeley, Calgary, Alta. Tele. No. M5096. |
| Saunders | 36 | Sub-Bituminous | 2 | ..... | ..... | 1 | ..... |  |
| Drumheller | 14 | Domestic | 29 | 3 | ..... | 4 | 5 | |
| Gleichen | 17 | Domestic | 3 | ..... | ..... | ..... | ..... |  |
| Sheerness | 38 | Domestic | 19 | 4 | 1 | 3 | ..... |  |
| Stevenville | 40 | Domestic ..... | ..... | ..... | ..... | 1 | ..... |  |
| Halcourt | 18 | Domestic | 8 | 3 | | | | J. A. Richards, Edmonton, Alta. Tele. No. 916415. |
| Rochester | 35 | Domestic | 1 | 1 | ..... | ..... | 1 | |
| Whitcourt | 46 | Domestic ..... | ..... | ..... | 1 | ..... | 1 | |
| Totals..... | | | 283 | 32 | 14 | 25 | 44 | |

In addition to the above, Mr. James A. Richards, 11009 89th Ave., Edmonton, is acting in the capacity of General District Inspector of Mines, Telephone No. 32662.

BOARD OF EXAMINERS

The constitution of the Board during the year 1932 was as follows:
As representing:

- (a) The Mine Inspectorate:
Andrew A. Millar, Chief Inspector of Mines.
- (b) Managers:
Norman Fraser, Robert Livingstone.
- (c) Working Miners:
William Lammie, Evan Morgan.
Secretary:
James A. Richards.

Examinations were held during the year as follows: For third class at the following centres: Drumheller, May 10th; Edmonton, May 10th, 11th, 12th and 13th; Lethbridge, May 10th to 17th; Nordegg, May 10th; and Blairmore, on June 8th and 9th.

For first and second class on June 8th, 9th and 10th, at Blairmore, Cadomin, Drumheller and Edmonton.

Fifteen candidates presented themselves for examination for first class certificates, of whom two were successful. Thirty-two candidates presented themselves for examination for second class certificates, of whom twelve were successful. Seventy-one candidates presented themselves for examination for third class certificates, of whom thirty were successful. There were no candidates for examination for mine surveyor.

THE MINES BRANCH

The following is a list of names of persons to whom Final Certificates of Competency under The Coal-mines Regulation Act were granted during the year 1932:

FIRST CLASS

| Name | Address | Cert. No. | Date of Issue |
|-------------------------|---------------------|-----------|---------------|
| Dutton, Joseph A. | Mountain Park | 4 | 25-7-32 |
| Saudino, Joseph A. | Drumheller | 5 | 25-7-32 |

SECOND CLASS

| | | | |
|-------------------------|---------------------|----|---------|
| Boughton, Chas. A. | Rosedale | 10 | 25-7-32 |
| Burton, James | Luscar | 13 | 25-7-32 |
| Greenhalgh, R. M. | Coleman | 11 | 25-7-32 |
| Hamilton, John | Delia | 18 | 10-8-32 |
| Jones, Elias | Coleman | 16 | 25-7-32 |
| McGregor, Thos. B. | Lethbridge | 19 | 10-8-32 |
| Marsh, Walter | Drumheller | 20 | 21-9-32 |
| Oakes, Robert | Blairmore | 17 | 25-7-32 |
| Swan, John | Edmonton | 12 | 25-7-32 |
| Strang, David | Mountain Park | 15 | 25-7-32 |
| Vivyrka, John | Mercoal | 21 | 28-9-32 |

THIRD CLASS

| | | | |
|----------------------------|--------------------------|----|----------|
| Annon, Joseph L. | Winnifred | 65 | 25-6-32 |
| Brown, Frederick | Edmonton | 58 | 2-6-32 |
| Blades, James | Delburne | 62 | 25-6-32 |
| Bonetti, D. | Champion | 73 | 25-6-32 |
| Barclay, Daniel | Dinant | 89 | 23-9-32 |
| Blas, Emil | Blairmore | 91 | 22-10-32 |
| Challenger, Edward J. | Magrath | 86 | 24-8-32 |
| Cowan, Robert | Drumheller | 92 | 22-10-32 |
| Dinsdale, Wm. | East Coulee | 61 | 2-6-32 |
| Donaldson, Thomas | Shaughnessy | 64 | 25-6-32 |
| Foster, Cyril E. | Rocky Mountain House.... | 60 | 2-6-32 |
| Fridel, Stephen | Barrhead | 63 | 25-6-32 |
| Foye, Edward B. | Delia | 93 | 1-11-32 |
| Gibson, James | Willow Creek | 75 | 25-6-32 |
| Guiney, C. John | Rosebud | 79 | 25-6-32 |
| Howells, Edward W. | Mercoal | 52 | 6-1-32 |
| Halbert, Robert | Trochu | 71 | 25-6-32 |
| Hook, Alfred J. | Halkirk | 78 | 25-7-32 |
| Johnson, Alexander J. | Ardley | 68 | 25-6-32 |
| Jones, Wm. J. | Rosalind | 74 | 25-6-32 |
| Kay, William | Drumheller | 53 | 26-2-32 |
| Mather, John | Coalhurst | 51 | 6-1-32 |
| Mitchell, Chas. G. | Pincher Creek | 82 | 24-8-32 |
| Marsh, Walter | Coleman | 84 | 24-8-32 |
| Mitchinson, Arthur | Donalda | 88 | 23-9-32 |
| McGowan, John | Drumheller | 57 | 2-6-32 |
| McKinlay, James | Huxley | 72 | 25-6-32 |
| Naegeli, Otto | Midlandvale | 54 | 26-2-32 |
| Novak, Mike | Milk River | 56 | 4-5-32 |
| Ordge, John | Donalda | 80 | 25-7-32 |
| Quin, James | East Coulee | 66 | 25-6-32 |
| Russell, Robert | Alix | 69 | 25-6-32 |

THIRD CLASS—Continued

| Name | Address | Cert. No. | Date of Issue |
|---------------------------|---------------------|--------------|------------------|
| Rees, Sanford | Mountain Park | 81 | 28-7-32 |
| Saunders, Herbert A. | Cardiff | 76 | 2-7-32 |
| Thomas, David S. | Midlandvale | 55 | 21-3-32 |
| Tyrer, Harold | Lethbridge | 70 | 25-6-32 |
| Taylor, Robert | Calgary | 85 | 24-8-32 |
| Tonge, Reginald | Blairmore | 90 | 30-9-32 |
| Watkin, Geo. E. | Bittern Lake | 59 | 2-6-32 |
| Walton, Geo. A. | Forestburg | 67 | 25-6-32 |
| Watson, David | Leduc | 77 | 11-7-32 |
| White, George | Nordegg | 83 | 24-8-32 |
| Williams, Wm. | Barnwell | 87 | 23-9-32 |

—

[illegible]

TN 27 A3 A3379 1929/1932
ALBERTA MINES BRANCH
ANNUAL REPORT/

SERIAL MI 39788682 SCI



000036404705

GENERAL SCIENCES

ONE WEEK LOAN

TN
27
A3A3379
1929/32

2226807 SCIENCE
CAMERON LIBRARY

